MATHEMATICS OF INHERITANCE

(According to Islamic Laws)

ZAWIL-FURUDH
ASABA-BI-NAFSIHI
ASABA-BI-GHAIRIHI
ASABA-MA'A-GHAIRIHI
FATWA-OF-HAZRAT UMAR (R.A.)

$$WA \leq \frac{TPA - (FA+DA)}{3}$$

$$IA = TPA - (FA+DA+WA)$$

Father, Grandfather, Husband, Mother, Wife, Daughter, Granddaughter, Real Sister, Paternal Sister, Maternal Sister, Real Brother, Paternal Brother, Maternal Brother, Paternal Grandmother, Maternal Grandmother, Son, Grandson, Uncle, Nephew

By
Anwar Alam

Reviewed by
Dr. Muhammad Razi-ul-Islam Nadvi

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Islamic Laws of Inheritance

by

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In the Name of Allah, the Most Merciful, the Most Beneficent

FOREWORD

It is pleasant that there has been growing awareness of distribution of inheritance in the Muslim society for quite a while. People have come to realise the importance of this commandment of Allah. They want to know who the heirs or beneficiaries of inheritance are. And what share of inheritance Islamic Shari'ah has apportioned to them. This awareness is found in women, so much so that they are demanding their shares; and in men too that they are willing to give the inheritance shares out to their sisters and other women.

Ilm-ul-Faraiz (knowledge of inheritance laws) is an important part of Islamic Shari'ah. The Qur'ān generally presents the principles of the commandments of Islam and the Prophet's *ahadith* (traditions) provide their details and niceties. But *Ilm-ul-Faraiz* holds the distinction that almost all of its details and niceties are mentioned in the Qur'ān (Surah al-Nisa: Ayaat: 11, 12, 176).

Ilm-ul-Faraiz is part of the syllabi of *madrasas* (Islamic seminaries). There are numerous books prescribed for this branch of knowledge. Besides, there are many books on the subject available in Arabic and Urdu. In spite of this, this is considered a difficult branch of knowledge. Hence it is not easy even for madrasa graduates to find solution for an inheritance issue.

Mr. Anwar Alam has special interest in *Ilm-ul-Faraiz*. He wants to make it public. For this purpose he runs both online and offline courses. Many youths have benefited from these courses. He has prepared many books on the subject in Urdu, Hindi and English. Now he has written a comprehensive book in English entitled *Mathematics of Inheritance*.

In the beginning of the book there are a list of heirs and beneficiaries of inheritance, their shares, implementation of WILL before distribution of inheritance, methods and rulings of distribution of inheritance, and other necessary aspects of the subject. Thereafter solutions of 204 questions related to inheritance have been presented. Also, some questions received from the readers of the author's earlier books have been answered. Towards the end, as annexure, the inheritance rulings mentioned in the Qur'ān and Ahadith, reference books and links on the subject as well as YouTube links of lectures by Ulema on the subject have been provided.

It is hoped that modern educated people, youth in particular, would be greatly benefited with the study of this book. May Allah the Exalted bless the author with immense reward for this outstanding service. *Ameen, Ya Rabbul A'alameen*.

18 January 2022

Muhammad Raziul Islam Nadvi
Secretary Shari'ah Council
Jamaat-e-Islami Hind

بسم اللہ الرحمٰن الرحیم

تعارف

یہ بات خوش آئند ہے کہ مسلم معاشرہ میں گزشتہ کچھ عرصے سے تقسیمِ وراثت کے سلسلے میں بیداری آ رہی ہے۔ لوگوں کو اس حکمِ الٰہی کی اہمیت کا احساس ہو رہا ہے۔ وہ جاننا چاہتے ہیں کہ مستحقینِ وراثت کون ہیں؟ اور ان کے کیا حصّے شریعت میں متعین کیے گئے ہیں؟ یہ بیداری خواتین میں بھی ہے کہ وہ اپنے حصّے طلب کر رہی ہیں اور مردوں میں بھی کہ وہ شرح صدر کے ساتھ اپنی بہنوں اور دیگر خواتین کو ان کے حصّے دینا چاہتے ہیں۔

علم الفرائض اسلامی شریعت کا ایک اہم حصہ ہے۔ قرآن مجید میں عموماً احکامِ دین کے اصول وکلیات بیان کیے گئے ہیں اور ان کی تفصیلات وجزئیات احادیثِ نبوی میں فراہم کی گئی ہیں۔ لیکن علم الفرائض کا یہ امتیاز ہے کہ اس کی تقریباً جملہ تفصیلات قرآن مجید (سورہ النساء: آیات: ۱۱، ۱۲، ۱۷۶) میں مذکور ہیں۔

علم الفرائض دینی مدارس کے نصاب کا جز ہے۔ اس فن میں متعدد نصابی کتابیں پائی جاتی ہیں۔ اس کے علاوہ بھی عربی اور اردو زبانوں میں متعدد کتابیں لکھی گئی ہیں۔ اس کے باوجود اسے ایک مشکل فن سمجھا جاتا ہے۔ چنانچہ وراثت کے کسی مسئلے کو دینی مدارس کے فارغین کے لیے بھی حل کرنا آسان نہیں ہوتا۔

جناب انور عالم کو علم الفرائض سے خصوصی دل چسپی ہے۔ وہ اسے زیادہ سے زیادہ عام کرنا چاہتے ہیں۔ اس کے لیے وہ آف لائن اور آن لائن دونوں طرح سے کورس چلاتے

ہیں۔اب تک بہت سے نوجوانوں نے اس کورس سے فائدہ اٹھایا ہے۔انہوں نے اس موضوع پر متعدد کتابیں اردو، ہندی اور انگریزی میں تیار کی ہیں۔اب انہوں نے ایک مبسوط کتاب انگریزی زبان میں Mathematics of Inheritance کے نام سے تیار کی ہے۔

کتاب کی ابتدا میں مستحقینِ وراثت کی فہرست، ان کے حصّے، تقسیمِ وراثت سے قبل وصیت کا نفاذ، تقسیمِ وراثت کے طریقے اور ضابطے اور دیگر ضروری باتیں تحریر کی گئی ہیں۔ اس کے بعد دوسوچار(۲۰۴)سوالات کو تفصیل سے حل کرکے دکھایا گیا ہے۔اس کے بعد مصنّف کی سابقہ کتابوں کے قارئین کی جانب سے موصول ہونے والے کچھ سوالات کو حل کیا گیا ہے۔آخر میں بطور ضمیمہ قرآن وحدیث میں وراثت کے احکام، حوالوں کی کتابوں اور اس موضوع پر کچھ لنکس(Links) کو درج کردیا گیا ہے اور یوٹیوب پر موجود علماء کے لیکچرس کے لنکس (Links) بھی دیے گئے ہیں۔

امید ہے کہ اس کتاب سے جدید تعلیم یافتہ حضرات، خاص طور پر نوجوان خوب فائدہ اٹھائیں گے۔ اللہ تعالیٰ سے دعا ہے کہ وہ مصنّف کو اس قابلِ قدر خدمت پر اجر سے نوازے۔ آمین یارب العالمین۔

۱۸/جنوری ۲۰۲۲ء

محمد رضی الاسلام ندوی

سکریٹری شریعہ کونسل جماعت اسلامی ہند

In the Name of Allah, the Most Merciful, the Most Beneficent

Foreword

Praise be to Allah, the Master of the Worlds and Peace and Blessings be to the Leader of Messengers. Thereafter!

Islam is the universal Dīn, which is complete code of life for the entire humanity. All the issues related to life and death have been exemplified therein. When one departs from this world, he leaves behind moveable and immoveable properties; for this situation Allah the Exalted, in the Qur'ān, has determined the heirs of the deceased and mentioned the details of shares they would get (as inheritance). And the rest of the related issues have been illustrated in Ahadith. Islam has determined the right of every heir, whether man or woman, child or old, strong or weak; so much so that it has taken care of the inheritance right of the embryo in a mother's womb. The just division of inheritance is such a unique and distinctive feature of Islamic teachings that its example cannot be traced in other religions, nor can it be found in contemporary laws.

With reference to the issue of inheritance, it is generally understood that the share of a man is greater than that of a woman. While a deep study of inheritance laws reveals that ashab-i-faraiz (the heirs whose shares the Qur'ān has determined) are only four male relations and eight female relations of the deceased. Similarly, the maximum share of a man is half i.e. ½ and the maximum share of a woman is also half. After research it becomes clear that there are only four situations:

1) The situation in which a woman gets inheritance and her male analogue doesn't.

2) The situation in which a woman gets greater share of inheritance than her male analogue.
3) The situation in which a woman and a man get equal shares.
4) The situation in which a man gets more share and a woman gets less share; and this situation occurs only in four conditions.

In short, there are only four conditions in which a woman gets less share than a man while there are more than thirty conditions in which a woman gets equal to man's share or more than man's, or she becomes heir while man doesn't.

In fact, the knowledge of inheritance consists of two great discussions: (1) Fiqh-i-Mirath (Jurisprudence of Inheritance), and (2) Tatbeeq-i-Mirath (Adjustment of Property of Inheritance).

Fiqh-i-Mirath discusses, in accordance with the Qur'ān, Hadith and Ijmāʿ (consensus of the Ummah on an issue), all knowledge related to this subject, conditions of inheritance, causes of inheritance, prohibitions of inheritance, who among men and who among women are deemed heirs and other such issues. While Tatbeeq-i-Mirath discusses the issues like the method of identifying makhraj (a legal device called exit used to achieve a certain objective) in inheritance, aul (the doctrine of increase), tasheeh (correction), method of distribution of inheritance, munaskha and the basic rules of mathematics.

Munaskha means double or multiple distribution of INHERITANCE in case the INHERITANCE has not been distributed yet and one or more of the heirs die.

The writer of the book, Janab Anwar Alam Sahib, is an engineer by profession. He has deep interest in this subject,

and has considerable acumen in it. He easily solves the issues with modern mathematics. Not only this, he teaches this subject online and offline. It is a matter of pleasure that whenever he faces any intricacies, he contacts authorities on this subject and tries to understand the issue with its niceties. Also, he has to his credit books in English on the various aspects of the subject. This book is in line with this process.

In this book, he has mentioned a few ayaat (verses) of Surah an-Nisa along with thirteen ahadith, and solved more than two hundred questions. He has mentioned the Gharaween (Inheritance rules prescribed by Caliph Umar R.A.) issue in question numbers 23 and 24. As this book in English, I have cast a cursory glance on its PDF file, and am writing a few sentences in the light thereof.

It is hoped the English educated section will benefit from this book and implement it in their practical life. May Allah the Exalted bless with best rewards those who have taken part in the printing and publication of this book, Aameen.

The writer rightly deserves commendation and congratulations, for he always endeavours to popularise the knowledge of Mirath among the modern educated masses. May Allah the Exalted grant Acceptance to his efforts, and bless all of us with sincerity and Godliness.

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بسم اللہ الرحمٰن الرحیم

الحمد لله رب العالمين و الصلاة و السلام على سيد المرسلين ، امابعد!

اسلام ایک عالمی دین ہے، جو ساری انسانیت کے لیے مکمل ضابطۂ حیات ہے۔ زندگی اور موت سے متعلق تمام مسائل کی وضاحت کر دی گئی ہے۔ انسان جب اس دنیا سے چلا جاتا ہے اور اپنے پیچھے منقولہ و غیر منقولہ جائیداد چھوڑ جاتا ہے تو اس کے وارثوں کی تعیین اور ان کو ملنے والے حصوں کی تفصیل اللہ تعالیٰ نے خود قرآن مجید میں بیان فرمائی ہے، اور باقی چند مسائل کی وضاحت احادیث مبارکہ میں موجود ہے۔ اسلام نے ہر وارث کو اس کا حق متعین فرمایا ہے، خواہ وہ مرد ہو یا عورت، بچہ ہو یا بوڑھا، طاقتور ہو یا کمزور، حتیٰ کہ ماں کے پیٹ میں موجود حمل کی وراثت کا بھی خیال رکھا گیا ہے۔ وراثت کی منصفانہ تقسیم اسلامی تعلیمات کی ایک ایسی منفرد اور ممتاز خوبی ہے جس کی مثال دیگر مذاہب میں تو دور کی بات ہے، معاصر قوانین میں بھی ملنی مشکل ہے۔

وراثت کے مسائل کے حوالے سے عام طور پر سمجھا جاتا ہے کہ عورتوں کے مقابلے میں مردوں کا حصہ زیادہ ہے، جب کہ مسائلِ میراث کا مطالعہ اگر گہرائی سے کیا جائے تو معلوم ہوگا کہ اصحابِ فرائض (یعنی وہ وارثین جن کا حصہ متعین ہے) مردوں میں صرف چار ہیں اور عورتوں میں کل آٹھ ہیں۔ اسی طرح مرد کے لیے زیادہ سے زیادہ نصف یعنی 1/2 ہے تو عورت کے لیے بھی زیادہ سے زیادہ حصہ نصف ہے۔ تحقیق کے بعد پتا چلا ہے کہ حالات کل چار ہیں:

(۱) وہ حالات جن میں عورت وارث ہوتی ہے اور اس کے ہم درجہ مرد محروم رہتے ہیں۔

(۲) وہ حالات جن میں عورت کو مرد کے مقابلے میں ترکہ زیادہ ملتا ہے۔

(۳) وہ حالات جن میں عورت کو مرد کے برابر حصہ ملتا ہے۔

(۴) وہ حالات جن میں مرد کو زیادہ اور عورت کو کم حصہ ملتا ہے۔ اور یہ حالات چار صورتوں میں واقع ہوتے ہیں۔

مختصر یہ کہ صرف چار حالات ایسے ہیں جن میں عورت کو مرد کے مقابلے میں بہت کم حصہ ملتا ہے، جب کہ تیس سے زائد ایسے حالات ہیں جہاں عورت کو مرد کے برابر یا اس سے زیادہ ملتا ہے، یا وہ وارث ہوتی ہے اور مرد محروم رہتا ہے۔ ★

حقیقت میں علم میراث دو عظیم مباحث پر مشتمل ہے: نمبر (1) فقہِ میراث اور نمبر (2) تطبیقِ میراث۔

فقہِ میراث میں قران وحدیث اور اجماعِ امت کے مطابق اس مضمون کے متعلق وارد معلومات، شروطِ وراثت، ارکانِ وراثت، اسبابِ وراثت، موانع وراثت، مردوں میں کون وارث ہوتے ہیں اور عورتوں میں کون وارث ہوتی ہیں، یہ اور اس قبیل کے دیگر موضوعات پر گفتگو ہوتی ہے، جب کہ تطبیقِ میراث میں مخرج معلوم کرنے کا طریقہ، عول، تصحیح، تقسیم ترکہ کا طریقہ، مناسخہ اور حساب کی بنیادی چیزوں سے استفادہ جیسے امور پر گفتگو ہوتی ہے۔

مؤلف کتاب جناب انور عالم صاحب پیشہ سے انجینئر ہیں۔ ان کو اس موضوع سے بڑی دل چسپی ہے، اور اس پر دسترس بھی رکھتے ہیں۔ جدید ریاضی کے ذریعے مسائل بہ آسانی حل کر دیتے ہیں۔ صرف اتنا ہی نہیں بلکہ وہ دوسروں کو بھی آن لائن اور آف لائن یہ مضامین پڑھاتے ہیں۔ خوشی کی بات ہے کہ جہاں ان کو اشکال ہوتا ہے، وہ اس فن کے ماہرین سے رجوع کرتے ہیں اور فن کی باریکیوں کے ساتھ مسئلے کو سمجھنے کی کوشش کرتے ہیں۔ اس کے ساتھ ساتھ اس فن کے مختلف موضوعات پر انگریزی میں ان کی تحریریں بھی موجود ہیں۔ یہ کتاب بھی اسی سلسلے کی ایک کڑی ہے۔

★ تفصیل کے لیے دیکھئے ہماری کتاب ''وراثت کے احکام ومسائل''

اس کتاب میں انھوں نے سورۃ النساء کی چند آیتوں کے ساتھ تیرہ احادیث کا تذکرہ کیا ہے، اور دوسو سے زائد سوالات حل کیے ہیں۔ مسئلہ غراوین کا تذکرہ سوال نمبر 23 اور 24 میں کیا ہے۔ چوں کہ یہ کتاب انگریزی میں ہے اس لیے میں نے صرف سرسری طور پر اس کتاب کی PDF دیکھی ہے، اور اسی کی روشنی میں یہ چند سطریں لکھ رہا ہوں۔

امید ہے کہ انگریزی تعلیم یافتہ طبقہ اس کتاب سے استفادہ کرے گا اور اپنی عملی زندگی میں اس کو نافذ کرے گا۔ اس کتاب کی تشر واشاعت میں جن لوگوں نے بھی حصہ لیا ہے اللہ تعالیٰ انھیں بھی بہترین بدلہ عطا فرمائے، آمین۔

مؤلف بجا طور پر ستائش کے لائق اور مبارک بادی کے مستحق ہیں کہ جدید تعلیم یافتہ طبقہ میں علمِ میراث کی اشاعت کے لیے ہمیشہ کوشاں رہتے ہیں۔ اللہ تعالیٰ آپ کی کوششوں کو قبول فرمائے، اور ہم سب کو اخلاص وللّٰہیت نصیب کرے۔

کے، امین الرحمٰن عمری مدنی
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Foreword

Waqt-i-Fursat hai kahan, kaam abhi baqi hai / Noor-i-Tauheed ka itmaam abhi baqi hai (This is no time for idle rest, much yet remains undone / The Lamp of Tawheed needs your touch to make it shame the sun).

Islam is the complete code of life, but thanks to human susceptibilities and influence of prevailing circumstances very important and vital Islamic issues have remained under the cover of queerness in the bygone days and remains so even today. From among those vital issues is the issue of inheritance.

Not to say of the people of our country, even dignitaries and Ulema are ignorant of the niceties of inheritance issues. But the Divine Grace makes such an unfelt arrangement in every age for the perpetuity and protection of Islam that it's hard for us to envisage.

Allah the Master and Lord has sent a farsighted person in the form of Respected Anwar Alam who having written many books on inheritance has performed the task of guidance for common people, dignitaries and Ulema.

Before the present voluminous book, he penned down a few booklets on the subject in Urdu, Hindi and English in easy language and decent style, and has brought out a complete book on the question of Radd (the Inheritance Law of Return).

In the present book named Mathematics of Inheritance, the issues have been solved in such a compact way that even

a person having basic knowledge of mathematics can understand them.

I supplicate to the Lord Almighty, the Magnificent, to make this book a source of benefit for modern educated people, especially youth, and to bless the author of the book with opportunities to serve the cause of Islam and the exaltation of Tauheed and with success in both the worlds.

23 March 2022
Corresponding to
19 Shaba'n 1443H.

Samiullah Faizi
Former Shaikh al-Jamia
Markaz Tahfiz al-Qur'ān
wa al-Dawah wa al-Taleem
Tetri Bazar, Naugarh

بسم اللہ الرحمٰن الرحیم

وقت فرصت ہے کہاں کام ابھی باقی ہے
نورِ توحید کا اتمام ابھی باقی ہے

اسلام ایک مکمل نظام حیات ہے لیکن بشری تقاضوں اور حالات کی نزاکت کے اثر سے گزشتہ دور میں اور آج بھی بہت اہم اور ضروری دینی مسائل اجنبیت کے پردہ میں ڈھکے ہیں۔ انہیں اہم ترین مسائل میں وراثت کا مسئلہ بھی ہے۔

ہمارے ملک کے عوام تو درکنار خواص اور علماء بھی وراثت کے مسائل کی معرفت سے تہی دامن ہیں لیکن رحمتِ الٰہی ہر دور میں اسلام کے بقاء وتحفظ کے لئے کچھ ایسے مخفی انتظام کر دیتی ہے جن کا ہم تصور بھی نہیں کر سکتے۔

اللہ رب العزت نے محترم انور عالم حفظہ اللہ کی شکل میں ایک دیدہ ور پیدا کیا جنہوں نے مسئلہ وراثت سے متعلق دو دو چار کی شکل میں متعدد کتابیں لکھ کر عوام، خواص اور علماء کی رہنمائی کا کام انجام دیا ہے۔

پیش نظر ضخیم کتاب سے قبل اردو، ہندی اور انگریزی میں چند کتابچے آسان زبان اور عمدہ اسلوب میں لکھا ہے اور مسئلۂ رد کے عنوان پر ایک مستقل کتاب منظر عام پر لا چکے ہیں۔ Mathematics of Inheritance کے نام سے لکھی ہوئی اس کتاب میں اتنے مبسوط انداز میں مسائل کو حل کیا ہے کہ ریاضی کا معمولی علم رکھنے والا بھی سمجھ سکتا ہے۔

رب ذوالجلال والاکرام سے دست بدعا ہوں کہ اس کتاب سے جدید تعلیم یافتہ حضرات نیز نوجوانوں کو استفادہ کی توفیق عطا فرمائے اور صاحب کتاب کو مزید دینی خدمت اور توحید کی سربلندی کی خدمت کا موقعہ عنایت فرمائے اور دارین میں سرخروئی کرے۔ آمین۔

۲۳/ مارچ ۲۰۲۲ء
مطابق
۱۹/ شعبان ۱۴۴۳ھ

سمیع اللہ فیضی
سابق
شیخ الجامعہ مرکز تحفیظ القرآن
والدعوۃ والتعلیم تتری بازار (نوگڑھ)

In the Name of Allah, the Most Merciful, the Most Beneficent

Foreword

Praise be to Allah, the Master of the Worlds and Peace and Blessings Be to the Leader of Messengers and to all his Companions. Thereafter!

The family system of Islam holds distinctive features. Keeping in view the protection of rights of women, Islam has fixed their rights in inheritance as well. Islam gives so much importance to inheritance laws that Allah the Exalted has described them in great detail in Surah al-Nisa of the Qur'ān.

Ilm al-Faraiz, which deals with inheritance laws, is of much importance. This is taught in madrasas with utmost care. However, this branch of knowledge needs much attention and commitment. To solve inheritance issues requires great sagacity. The experts of this branch of knowledge solve complex issues very easily.

Books on this subject have been written in different languages in every period. However, there was need to discuss inheritance issues in easy language and to present their solution with modern skill.

Allah the Exalted has granted Janab Anwar Alam Sahib keen acumen of this knowledge. He has been working on this subject for years, has many books in Urdu, Hindi and English, and is running online and offline classes whereby a large number of people have benefitted and are benefitting.

He has prepared a detailed book in the English language entitled "MATHEMATICS OF INHERITANCE". In the beginning of the book he has mentioned the necessary rulings on inheritance, then he has presented solution to

more than two hundred inheritance issues. And in the end there are also useful annexures.

This book fulfils a very important need. Modern educated people and lawyers would find this book very helpful in resolving inheritance issues very easily.

May Allah grant His Acceptance to this great service of the author and widen the circle of its beneficiaries! Aameen!

Wassalam

Muhammad Tahir Madni
Nazim Jamiatul Falah,
Bilariyaganj, Azamgarh, UP

Ref. _____ الرقم _____
Date 28/03/2022 التاریخ _____

تقریظ

الحمد لله رب العالمين والصلاة والسلام على سيد المرسلين و علىٰ آله وأصحابه أجمعين، اما بعد:.

اسلام کا عائلی نظام امتیازی خصوصیات کا حامل ہے، عورت کے حقوق کے تحفظ کا خیال رکھتے ہوئے وراثت میں بھی ان کے حقوق متعین کئے گئے ہیں، اسلام میں احکام وراثت کی اہمیت اتنی زیادہ ہے کہ اللہ تعالیٰ نے قرآن مجید کے اندر سورہ نساء میں پوری تفصیل بیان کی ہے۔

علم الفرائض، جس میں احکام وراثت بیان کیے جاتے ہیں، بہت اہمیت کا حامل ہے، یہ مدارس کے نصاب میں اہتمام سے پڑھایا جاتا ہے۔ البتہ یہ علم کافی توجہ اور یکسوئی چاہتا ہے، میراث سے متعلق مسائل کو حل کرنے کے لئے انتہائی باریک بینی کی ضرورت ہوتی ہے، اس علم کے ماہرین بہت آسانی سے پیچیدہ مسائل حل کر دیتے ہیں۔

مختلف زبانوں میں اس علم پر کتابیں ہر دور میں لکھی گئیں ہیں، البتہ یہ ضرورت محسوس ہو رہی تھی کہ آسان انداز میں مسائل میراث کو بیان کیا جائے اور جدید اسلوب میں ان کا حل پیش کر دیا جائے۔

جناب انور عالم صاحب کو اللہ تعالیٰ نے اس علم کا خاص ملکہ عطا فرمایا ہے، برسوں سے اس پر وہ کام کر رہے ہیں، اردو، ہندی اور انگریزی میں متعدد کتابیں ان کی آچکی ہیں، آن لائن اور آف لائن کورسیز بھی وہ چلا رہے ہیں اور کافی افراد نے ان سے استفادہ کیا ہے اور کر رہے ہیں۔

انہوں نے اس موضوع پر ایک تفصیلی کتاب بزبانِ انگریزی تیار کی ہے جس کا نام ہے "MATHEMATICS OF INHERITANCE" آغاز میں میراث کے ضروری احکام کا تذکرہ ہے، اس کے بعد دو سو سے زائد مسائل کا حل بیان کیا ہے۔ آخر میں انتہائی مفید ضمیمہ جات بھی ہیں۔

یہ کتاب انتہائی اہم ضرورت کی تکمیل کر رہی ہے۔ جدید تعلیم یافتہ حضرات اور وکلاء کو بھی اس کتاب سے بڑی مدد ملے گی اور بہت آسانی کے ساتھ وہ میراث سے متعلق مسائل کو حل کر سکیں گے۔

اللہ سے دعا ہے کہ مصنف کی اس وقیع خدمت کو شرف قبولیت سے نوازے اور اس سے استفادے کے دائرے کو وسیع کرے۔ آمین

والسلام

محمد طاہر مدنی

ناظم جامعۃ الفلاح، بلریا گنج، اعظم گڑھ، یوپی

Foreword

To give the right and share as per the Shari'ah to heirs is the firm command of Allah the Exalted, which no one is allowed to violate. The Islamic law of inheritance is also not optional nor is it a recommendation from Allah that a person fulfils the right of the heirs or ignores it at his whim. It is not lawful whatsoever to effect any modification, alteration or abrogation, precedence or procrastination in this Shari'ah law.

Under the influence of the fellow community, the overall situation prevailing in the Muslim society is that sons become lone occupants of the deceased's entire properties, agricultural lands, house, shop, plot, cash and bank deposits and daughters are usually deprived of their right. They (daughters) also do not demand their share in inheritance with the fear that they would not get refuge in their paternal house in case anything untoward happens in their in-laws house.

The knowledge of division of inheritance, which is terminologically called "Ilm ul-Faraiz", is an important part of the economic system of Islam. If this system is implemented in letter and spirit in the Muslim society as keenly as the commandments of Namaz (prayers), fasting, Zakat and Haj are acted upon then poverty and starvation, indigence, begging and backwardness would be changed into prosperity and affluence.

It is surprising that the inheritance rulings have been mentioned in the very beginning of Surah An-Nisa of the Qur'ān with utmost force and intensity but there is negligence and disregard for it prevailing in the Muslim society.

In the beginning of Surah An-Nisa, after describing the details of inheritance rulings, what has been said as conclusion is indeed nerve-twitching:

"And he who disobeys Allah and His Messenger and transgresses the bounds set by Him – him shall Allah cause to enter the Fire. There he will abide. A humiliating chastisement awaits him." (Surah An-Nisa: 14)

The detailed rulings mentioned in Surah An-Nisa paved the way not only for the deceased's wife but also for his mother, grandmother, daughter, granddaughter, sister, paternal half-sister, and maternal half-sister to inherit shares.

Women should reflect on how the Islamic Shari'ah has done a favour to them. The Shari'ah grants woman wealth rights – right to hold private properties. As for inheritance, the Shari'ah gave her right, formally determining her shares, whereby she gets shares from father, mother, brother(s), sister(s) and uncle(s); and in case of her being a residuary heir, she gets shares from different near relations. Neither the Hindu religion nor any other religion in the world has given her this right.

The author of the present book, "Mathematics of Inheritance According to Islamic Law" Janab Anwar Alam Sahib is basically a Network Engineer (I.T), and teaching modern networking courses is his profession. He has done B.E. in Electronics and Communication from Jamia Millia Islamia, New Delhi. He has 27-year experience in the industrial field at home and abroad. Besides, he has many distinguished certificates in his field, the details of which he has mentioned in the beginning of this book. Presently he is Director of Networking Core Program.

Janab Anwar Sahib's zest for Islamic knowledge

spurred him to learn Qur'ānic Arabic that he might have direct access to the original sources of Islamic learning, and he got education under Qazi Jahangir Alam Qasmi for continuous five years, 2013 to 2017.

His zest for getting the new generation acquainted with Islamic teachings also includes the establishment of Maktab-i-Deeniyaat in New Delhi, the two branches of which he managed for three years and then handed them over to a committee.

The present book is the result of his years long research and tireless strivings which is a precious gift for madrasa and school teachers and students interested in inheritance laws. This is a Guide Book for distribution of inheritance of a deceased person. The author has to his credit four more books on inheritance in Urdu, Hindi and English:

1. Islamic Inheritance Law (Hindi)
2. Distribution of My Inheritance
3. Islamic Inheritance Law (Urdu and English bilingual)

Besides, the author has also published a separate book in English on the Law of Radd. His hundreds of lectures on inheritance are available on YouTube. Besides, he also runs online and offline classes to teach inheritance laws.

In the context of the modern age, the multi-dimensional and comprehensive work Anwar Sahib has done is to his credit; no Alim-i-Deen could earn this academic felicity.

Anwar Sahib has made distribution of inheritance his mission and has been reflecting on and making efforts to introduce it at a largescale. As far as I know, such an organised and planned academic work on inheritance had not come to the fore.

Anwar Sahib has also a plan to get inheritance laws introduced in syllabi of colleges and universities so that

those graduating from modern branches of knowledge also may have expertise in the inheritance laws, and Ilm ul-Faraiz may not remain confined to madrasas only. One aspect of Anwar Sahib's strivings for popularising inheritance law is that in this book he has kept the door open for the students and readers of all sects without any jurisprudential and sectorial distinction; he has not allowed any sectorial bias or prejudice in the way of seeking the knowledge of Islam. In this way, this is also a welcome move onto the path of Muslim unity.

Yien sa'adat ba-zor bazoo neest / ta na bakhshand Khuda-i bakhshanda [This felicity cannot be achieved by force or coercion / If you don't give it; Allah will].

One distinguishing feature of this book on Ilm ul-Faraiz or the knowledge of distribution of inheritance is that at the end of the book there is a list of the books of acknowledged Ulema and scholars, Muftis and legal luminaries of Indo-Pak subcontinent as well as the Arab and Islamic world who hold authority on inheritance laws. And there are QR Codes of their lectures, facilitating the readers' access to the desired resource material on the subject.

May Allah reward him on behalf of us and all Muslims.

I supplicate to Allah, with the core of the heart, that He grant Acceptance to this endeavour and make it useful and beneficial for the Muslim Ummah!

Abdul Haque Falahi
Fazil Jamiatul Falah
Bilariya Ganj, Azamgarh

2 Ramadan al-Mubarak 1443 H.
4 April 2022
New Delhi

تقریظ

ورثاء کو اُن کا شرعی حق وحصہ دینا اللہ تعالیٰ کا قطعی حکم ہے جس سے سرِمو انحراف کرنا جائز نہیں۔ وراثت کا اسلامی قانون اختیاری بھی نہیں ہے اور نہ یہ اللہ کی طرف سے سفارش ہے کہ جی میں آئے تو وارثوں کو ان کا حق ادا کر دیا جائے یا اس سے صرفِ نظر کر لیا جائے۔ اس قانونِ شریعت میں کسی طرح کا ردوبدل، ترمیم وتنسیخ، تقدیم وتاخیر کسی طرح جائز نہیں۔

ہم سایہ قوم کے زیرِ اثر، مسلم معاشرے کی عمومی صورت حال یہ ہے کہ لڑکے میت کی ساری جائداد، زرعی زمینیں، مکان، دوکان، پلاٹ، نقدی اور بینکوں میں جمع پونجی پر تنہا قابض ہوجاتے ہیں اور لڑکیاں یکسر محروم رہ جاتی ہیں۔ وہ اس اندیشے سے اپنے بھائیوں سے وراثت میں اپنے حصے کا تقاضا بھی نہیں کرتیں کہ مستقبل میں اگر سسرال میں حالات خراب ہوئے تو انھیں میکے میں پناہ نہیں ملے گی۔

تقسیم میراث کا علم جس کا اصطلاحی نام ''علم الفرائض'' ہے، اسلام کے معاشی نظام کا ایک اہم جزو ہے۔ اگر اس نظام کو مسلم معاشرہ میں باقاعدگی کے ساتھ جاری وساری کیا جائے جس طرح نماز، روزہ، زکات اور حج جیسے احکام پر عمل کیا جاتا ہے تو فقر وفاقہ، مسکنت، گداگری اور پسماندگی — خوشحالی اور فارغ البالی میں بدل جائے۔

بڑی حیرت ہوتی ہے کہ جس اہتمام اور شدومد کے ساتھ قانونِ میراث، قرآن کی سورہ نساء کے آغاز میں ہی بیان کر دیا گیا ہے، اس کے نفاذ میں اسی قدر لاپروائی اور بے حسی مسلم معاشرہ پر طاری ہے۔

سورہ نساء کے آغاز میں احکامِ وراثت کی تفصیل بیان کرنے کے بعد اس سلسلہ کی جو آخری بات کہی گئی ہے وہ ہلا دینے والی ہے:

''جو اللہ اور اس کے رسول کی نافرمانی کرے گا اور اس کی مقرر کی ہوئی حدوں سے

تجاوز کرے گا (مطلب، وارثین کا حق، ڈکار جائے گا) اسے اللہ آگ میں ڈالے گا جس میں وہ ہمیشہ رہے گا اور اس کے لیے رسوا کن سزا ہے۔'' (النساء:۱۳)

سورۂ نساء میں درج ان تفصیلی احکام وِراثت کی رُو سے صرف میت کی بیوی ہی نہیں بلکہ ان کی ماں، دادی، بیٹی، پوتی، سگی بہن، پدری بہن، باپ شریک بہن، ماں شریک بہن، ان سب کو حصہ ملنے کی راہ ہموار ہوگئی۔

اسلامی شریعت کا عورتوں پر کس قدر احسان ہے، اس پر عورتوں کو بھی غور کرنا چاہیے۔ شریعت نے دولت میں عورت کا حق تسلیم کیا، اسے نجی ملکیت رکھنے کا حق دیا اور وراثت میں باقاعدہ اس کے حصے کے تعین کے ساتھ اس کا حق مقرر کیا جس میں وہ باپ سے، ماں سے، بھائیوں سے، بہنوں سے، چچا سے، اور عصبہ ہونے کی صورت میں مختلف قریبی رشتہ داروں سے حصہ پاتی ہے۔ یہ حق اسے نہ تو ہندو مذہب نے دیا اور نہ دنیا کے کسی اور مذہب نے۔

پیش نظر کتاب Mathematics of Inheritance (According to Islamic Law) یعنی ''اسلامی قانون کے مطابق تقسیمِ وراثت کا حساب'' کے مصنف جناب انور عالم صاحب بنیادی طور پر Network Engineer (I.T.) ہیں اور نیٹ ورکنگ کے جدید ترین کورسوں کی تعلیم و تدریس ان کا پیشہ ہے۔ جامعہ ملیہ اسلامیہ نئی دہلی سے موصوف نے الکٹرانکس اور کمیونکیشن میں B.E. کی ڈگری حاصل کی ہے اور ملک و بیرون ملک انھیں صنعتی فیلڈ میں کام کرنے کا ۲۷ سال کا تجربہ حاصل ہے۔ علاوہ ازیں، انھیں اپنے فیلڈ کی متعدد اعلیٰ اسناد حاصل ہیں، جس کا تفصیلی ذکر موصوف نے اس کتاب کے آغاز میں کیا ہے۔ فی الحال وہ Networking Core Program کے ڈائریکٹر ہیں۔

جناب انور صاحب کے دینی علم کے حصول کے ذوق وشوق نے انھیں براہِ راست اسلامی علوم کے ماخذ تک پہنچنے کے لیے قرآنی عربی سیکھنے پر مہمیز کیا اور ۲۰۱۳ء تا ۲۰۱۷ء تک

۵ سال مستقل قاضی مفتی جہانگیر عالم قاسمی صاحب سے کسبِ فیض کیا۔ نئی نسل کو دینی تعلیم سے آراستہ کرنے کے ان کے جذبے کی نمود نئی دہلی میں ''مکتبِ دینیات'' کا قیام بھی ہے جس کی دو شاخیں قائم کر کے انھوں نے ۳ سال تک اس کا انتظام وانصرام کیا اور پھر اسے ایک کمیٹی کے حوالے کر دیا۔

پیشِ نظر کتاب، موصوف کی برسوں کی تحقیق و تدقیق اور محنتِ شاقہ کا ثمرہ ہے جو علم وراثت سے دلچسپی رکھنے والے مدارس اور اسکولوں، کالجوں کے اساتذہ وطلبہ کے لیے ایک بیش قیمت تحفہ ہے۔ جو میت کے ترکہ کی تقسیم میں بیحد معین و مددگار ایک رہنما کتاب (Guide Book) ہے۔ وراثت کے موضوع پر اردو، ہندی اور انگریزی میں موصوف کی چار کتابیں اور بھی ہیں جو اس طرح ہیں:

(۱) اسلامی قانونِ وراثت (ہندی)

(۲) Distribution of My Inheritance

(۳) اسلامی قانونِ وراثت (اردو اور انگریزی۔ دونوں زبانوں میں ایک جلد میں)

اس کے علاوہ ''مسئلۂ ردّ'' پر ایک علیحدہ کتاب بھی موصوف نے انگریزی میں تصنیف کی ہے۔ وراثت کے موضوع پر موصوف کے سیکڑوں لکچرس کی سیریز یوٹیوب پر موجود ہیں۔ اس کے علاوہ وہ وراثت کے مسئلہ پر سلسلے وار آن لائن اور آف لائن کلاس بھی چلاتے ہیں۔

عصرِ حاضر کے تناظر میں انور صاحب نے وراثت کے موضوع پر جتنا ہمہ جہتی (Multi-dimentional) اور Comprehensive Work کیا ہے وہ انھی کا حصہ ہے، کسی عالم دین کے حصے میں یہ سعادت نہیں آئی۔

انور صاحب نے ''تقسیم علمِ وراثت'' کو اپنا مشن بنالیا ہے اور اسے وسیع پیمانے پر متعارف کرانے کے لیے وہ مستقل غور وفکر اور کوشش کرتے رہتے ہیں۔ وراثت کے موضوع پر اتنا منظّم اور منصوبہ بند علمی کام میری معلومات کی حد تک، اب تک منصۂ شہود پر نہیں آیا۔

انور صاحب کے پیشِ نظر یہ منصوبہ بھی ہے کہ علمِ وراثت کو کالجوں اور یونیورسٹیوں میں بطورِ کورس متعارف کرایا جائے اور یہ یونیورسٹیوں کے نصاب میں داخل ہوتا کہ عصری علوم کے فارغین بھی اس علم میں دستگاہ اور مہارت حاصل کرسکیں اور یہ ''علم الفرائض'' صرف مدارسِ دینیہ ہی کی میراث بن کر نہ رہ جائے۔ علمِ وراثت کے موضوع پر انور صاحب کی کوششوں کا ایک رخ یہ بھی ہے کہ انھوں نے فقہی اور مسلکی امتیاز کے بغیر تمام مسالک کے طلبہ اور قارئین کے لیے اس کتاب میں راہ کھول دی ہے اور حصولِ علم دین کے معاملے میں کوئی تنگی اور تعصب روا نہیں رکھا ہے۔ یہ اتحادِ ملت کی سمت میں بھی ایک مبارک اور محمود کوشش ہے۔

ایں سعادت بہ زور بازو نیست
تا نہ بخشد خدائے بخشندہ

علم الفرائض یا علم تقسیم میراث کے موضوع پر تیار کی گئی اس کتاب کا ایک اہم اور امتیازی وصف یہ بھی ہے کہ ہندو پاک کے علاوہ عالم عرب اور عالم اسلام کے مقتدر علماء دین، مفتیانِ کرام، فاضل شیوخ اور ماہرین قانون جو علم وراثت پر سند اور Authority کا درجہ رکھتے ہیں۔ ان کی کتابوں کی فہرست اس کتاب کے آخر میں شامل کردی ہیں اور اُن کے لیکچرس اور دروس کے QR codes بھی دے دیے ہیں جس کے ذریعہ مقصود تک کم وقت میں رسائی آسان بنادی ہے۔

فجزاه الله عنا و عن المسلمين.

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مخلص
عبدالحق فلاحی
فاضل جامعۃ الفلاح، بلریا گنج، اعظم گڑھ

نئی دہلی
۲؍رمضان المبارک ۱۴۴۳ھ
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بِسۡمِ اللّٰہِ الرَّحۡمٰنِ الرَّحِیۡمِ

Inheritance Rules in The Holy Qur'an

Surah AN-NISA (4) Aayaat 7-14,176

لِلرِّجَالِ نَصِيبٌ مِّمَّا تَرَكَ الْوَالِدٰنِ وَالْاَقْرَبُوْنَ ۪ وَلِلنِّسَآءِ
نَصِيبٌ مِّمَّا تَرَكَ الْوَالِدٰنِ وَالْاَقْرَبُوْنَ مِمَّا قَلَّ مِنْهُ اَوْ كَثُرَ ؕ
نَصِيْبًا مَّفْرُوْضًا ۝۷ وَاِذَا حَضَرَ الْقِسْمَةَ اُولُوا الْقُرْبٰى وَالْيَتٰمٰى
وَالْمَسٰكِيْنُ فَارْزُقُوْهُمْ مِّنْهُ وَقُوْلُوْا لَهُمْ قَوْلًا مَّعْرُوْفًا ۝۸
وَلْيَخْشَ الَّذِيْنَ لَوْ تَرَكُوْا مِنْ خَلْفِهِمْ ذُرِّيَّةً ضِعٰفًا خَافُوْا
عَلَيْهِمْ ۪ فَلْيَتَّقُوا اللّٰهَ وَلْيَقُوْلُوْا قَوْلًا سَدِيْدًا ۝۹ اِنَّ الَّذِيْنَ
يَاْكُلُوْنَ اَمْوَالَ الْيَتٰمٰى ظُلْمًا اِنَّمَا يَاْكُلُوْنَ فِيْ بُطُوْنِهِمْ نَارًا ؕ
وَسَيَصْلَوْنَ سَعِيْرًا ۝۱۰ يُوْصِيْكُمُ اللّٰهُ فِيْٓ اَوْلَادِكُمْ ۗ لِلذَّكَرِ
مِثْلُ حَظِّ الْاُنْثَيَيْنِ ۚ فَاِنْ كُنَّ نِسَآءً فَوْقَ اثْنَتَيْنِ فَلَهُنَّ ثُلُثَا مَا
تَرَكَ ۚ وَاِنْ كَانَتْ وَاحِدَةً فَلَهَا النِّصْفُ ؕ وَلِاَبَوَيْهِ لِكُلِّ وَاحِدٍ
مِّنْهُمَا السُّدُسُ مِمَّا تَرَكَ اِنْ كَانَ لَهٗ وَلَدٌ ۚ فَاِنْ لَّمْ يَكُنْ لَّهٗ وَلَدٌ
وَّوَرِثَهٗٓ اَبَوٰهُ فَلِاُمِّهِ الثُّلُثُ ۚ فَاِنْ كَانَ لَهٗٓ اِخْوَةٌ فَلِاُمِّهِ السُّدُسُ
مِنْۢ بَعْدِ وَصِيَّةٍ يُّوْصِيْ بِهَآ اَوْ دَيْنٍ ؕ اٰبَآؤُكُمْ وَاَبْنَآؤُكُمْ لَا تَدْرُوْنَ

اَيُّهُمْ اَقْرَبُ لَكُمْ نَفْعًا ؕ فَرِيْضَةً مِّنَ اللّٰهِ ؕ اِنَّ اللّٰهَ كَانَ عَلِيْمًا حَكِيْمًا ﴿۱۱﴾
وَلَكُمْ نِصْفُ مَا تَرَكَ اَزْوَاجُكُمْ اِنْ لَّمْ يَكُنْ لَّهُنَّ وَلَدٌ ۚ فَاِنْ كَانَ
لَهُنَّ وَلَدٌ فَلَكُمُ الرُّبُعُ مِمَّا تَرَكْنَ مِنْۢ بَعْدِ وَصِيَّةٍ يُّوْصِيْنَ بِهَآ اَوْ دَيْنٍ ؕ
وَلَهُنَّ الرُّبُعُ مِمَّا تَرَكْتُمْ اِنْ لَّمْ يَكُنْ لَّكُمْ وَلَدٌ ۚ فَاِنْ كَانَ لَكُمْ
وَلَدٌ فَلَهُنَّ الثُّمُنُ مِمَّا تَرَكْتُمْ مِّنْۢ بَعْدِ وَصِيَّةٍ تُوْصُوْنَ بِهَآ اَوْ دَيْنٍ ؕ
وَاِنْ كَانَ رَجُلٌ يُّوْرَثُ كَلٰلَةً اَوِ امْرَاَةٌ وَّلَهٗٓ اَخٌ اَوْ اُخْتٌ
فَلِكُلِّ وَاحِدٍ مِّنْهُمَا السُّدُسُ ۚ فَاِنْ كَانُوْٓا اَكْثَرَ مِنْ ذٰلِكَ فَهُمْ
شُرَكَآءُ فِي الثُّلُثِ مِنْۢ بَعْدِ وَصِيَّةٍ يُّوْصٰى بِهَآ اَوْ دَيْنٍ ۙ غَيْرَ مُضَآرٍّ ۚ
وَصِيَّةً مِّنَ اللّٰهِ ؕ وَاللّٰهُ عَلِيْمٌ حَلِيْمٌ ﴿۱۲﴾ ؕ تِلْكَ حُدُوْدُ اللّٰهِ ؕ وَمَنْ
يُّطِعِ اللّٰهَ وَرَسُوْلَهٗ يُدْخِلْهُ جَنّٰتٍ تَجْرِيْ مِنْ تَحْتِهَا الْاَنْهٰرُ خٰلِدِيْنَ
فِيْهَا ؕ وَذٰلِكَ الْفَوْزُ الْعَظِيْمُ ﴿۱۳﴾ وَمَنْ يَّعْصِ اللّٰهَ وَرَسُوْلَهٗ وَيَتَعَدَّ
حُدُوْدَهٗ يُدْخِلْهُ نَارًا خَالِدًا فِيْهَا ۪ وَلَهٗ عَذَابٌ مُّهِيْنٌ ﴿۱۴﴾ ع
يَسْتَفْتُوْنَكَ ؕ قُلِ اللّٰهُ يُفْتِيْكُمْ فِي الْكَلٰلَةِ ؕ اِنِ امْرُؤٌا هَلَكَ لَيْسَ لَهٗ
وَلَدٌ وَّلَهٗٓ اُخْتٌ فَلَهَا نِصْفُ مَا تَرَكَ ۚ وَهُوَ يَرِثُهَآ اِنْ لَّمْ يَكُنْ لَّهَا وَلَدٌ ؕ
فَاِنْ كَانَتَا اثْنَتَيْنِ فَلَهُمَا الثُّلُثٰنِ مِمَّا تَرَكَ ؕ وَاِنْ كَانُوْٓا اِخْوَةً رِّجَالًا
وَّنِسَآءً فَلِلذَّكَرِ مِثْلُ حَظِّ الْاُنْثَيَيْنِ ؕ يُبَيِّنُ اللّٰهُ لَكُمْ اَنْ تَضِلُّوْا ؕ
وَاللّٰهُ بِكُلِّ شَيْءٍ عَلِيْمٌ ﴿۱۷۶﴾ ع

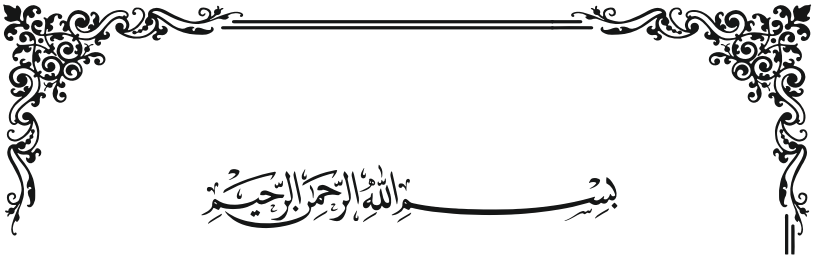
(7) *Just as there is a share for men in what their parents and kinsfolk leave behind, so there is a share for women in what their parents and kinsfolk leave behind – be it little or much – a share ordained (by Allah).* (8) *And if other near of kin, orphans and needy are present at the time of division of inheritance, give them something of it and speak to them kindly.* (9) *And those who would have been fearful on account of their helpless offspring they may have behind them, let them fear Allah and say what is right.* (10) *Behold, those who wrongfully devour the properties of orphans only fill their bellies with fire. Soon they will burn in the Blazing Flame.* (11) *Thus does Allah command you concerning your children: the share of the male is like that of two females. If (the heirs of the deceased are) more than two daughters, they shall have two-thirds of the inheritance, and if there is only one daughter then she shall have half the inheritance. If the deceased has any offspring, each of his parents shall have one-sixth of the inheritance; and if the deceased has no child and his parents alone inherit him then one-third shall go to his mother; and if the deceased has brothers and sister then one-sixth shall go to his mother. All these shares are to be given after payment of the bequest he might have made or any debts outstanding against him. You do not know which of them, your parents or your children, are more beneficial to you. But these portions have been determined by Allah, for HE*

indeed knows everything, is cognizant of all beneficent considerations. (12) *And to you belongs half of whatever has been left behind by your wives if they die childless; but if they have any children then to you belongs one-fourth of what they have left behind, after payment of the bequest they might have made or any debts outstanding against them. And to them belongs one-fourth of what you leave behind if you die childless; and if you have any child then to them belongs one-eighth of what you have left behind, after the payment of the bequest you might have made or any debts outstanding against you. And if the man or woman (whose inheritance is to be distributed) has no heir in the direct line, but has a brother or sister then each of these shall inherit one-sixth; but if their number is more than that then all of them shall be entitled to one-third of the inheritance, after the payment of the bequest that might have been made or any debts outstanding against the deceased, providing that the bequest causes no injury. This is a commandment from Allah; Allah is All-knowing, All-Forbearing.* (13) *These are the bounds set by Allah. Allah will make him who obeys Allah and His Messenger enter the Gardens beneath which rivers flow. He will abide there for ever. That is the mighty triumph.* (14) *And he who disobeys Allah and His Messenger and transgresses the bounds set by Him - him shall Allah cause to enter the Fire. There he will abide. A humiliating chastisement awaits him.* (176) *People ask you to pronounce a ruling*

concerning inheritance from those who have left behind no lineal heirs (kalalah). Say:"Allah pronounces for you the ruling: should a man die childless but have a sister, she shall have one half of what he has left behind; and should the sister die childless, (but have a brother), he shall inherit her. And if the heirs are two sisters, they shall have two-thirds of what he has left behind. And if the heirs are sisters and brothers then the male shall have the share of two females. Allah makes (His commandments) clear to you lest you go astray. Allah has full knowledge of everything."

Fixed Fractional Shares in The Holy Qur'an

One Half	$\frac{1}{2}$	50%
One Quarter	$\frac{1}{4}$	25%
One-Eighth	$\frac{1}{8}$	12.5%
Two-Thirds	$\frac{2}{3}$	66.67%
One-Third	$\frac{1}{3}$	33.33%
One-Sixth	$\frac{1}{6}$	16.67%



Inheritance Rules in Hadeeth

حَدَّثَنَا مُحَمَّدُ بْنُ يُوسُفَ، عَنْ وَرْقَاءَ، عَنِ ابْنِ أَبِي نَجِيحٍ، عَنْ عَطَاءٍ، عَنِ ابْنِ عَبَّاسٍ رَضِيَ اللَّهُ عَنْهُمَا ، قَالَ : كَانَ الْمَالُ لِلْوَلَدِ ، وَكَانَتِ الْوَصِيَّةُ لِلْوَالِدَيْنِ، فَنَسَخَ اللَّهُ مِنْ ذَلِكَ مَا أَحَبَّ، فَجَعَلَ لِلذَّكَرِ مِثْلَ حَظِّ الأُنْثَيَيْنِ سورة النساء آية ، 11 وَجَعَلَ لِلأَبَوَيْنِ لِكُلِّ وَاحِدٍ مِنْهُمَا السُّدُسَ، وَجَعَلَ لِلْمَرْأَةِ الثُّمُنَ وَالرُّبُعَ، وَلِلزَّوْجِ الشَّطْرَ وَالرُّبُعَ.

Narrated Ibn `Abbas: "(During the early days of Islam), the inheritance used to be given to one's offspring and legacy used to be bequeathed to the parents, then Allah cancelled what He wished from that order and decreed that the male should be given the equivalent of the portion of two females, and for the parents one-sixth for each of them, and for one's wife one-eighth (if the deceased has children) and one-fourth (if he has no children), for one's husband one-half (if the deceased has no *children) and one-fourth (if she has children)."*

BUKHARI – 6739 (Status – صحيح*)*

حَدَّثَنَا مُوسَى بْنُ إِسْمَاعِيلَ، حَدَّثَنَا وُهَيْبٌ، حَدَّثَنَا ابْنُ طَاوُسٍ، عَنْ أَبِيهِ، عَنِ ابْنِ عَبَّاسٍ رَضِيَ اللَّهُ عَنْهُمَا، عَنِ النَّبِيِّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ، قَالَ: أَلْحِقُوا الْفَرَائِضَ بِأَهْلِهَا، فَمَا بَقِيَ فَهُوَ لِأَوْلَى رَجُلٍ ذَكَرٍ .

Narrated Ibn `Abbas: The Prophet said, “Give the Fara'id (the shares of the inheritance that are prescribed in the Qur'an) to those who are entitled to receive it. Then whatever remains should be given to the closest male relative of the deceased .”

BUKHARI – 6732 (Status – صحيح)

حَدَّثَنَا عَبْدُ بْنُ حُمَيْدٍ، حَدَّثَنِي زَكَرِيَّاءُ بْنُ عَدِيٍّ، أَخْبَرَنَا عُبَيْدُ اللَّهِ بْنُ عَمْرٍو، عَنْ عَبْدِ اللَّهِ بْنِ مُحَمَّدِ بْنِ عَقِيلٍ، عَنْ جَابِرِ بْنِ عَبْدِ اللَّهِ، قَالَ: جَاءَتِ امْرَأَةُ سَعْدِ بْنِ الرَّبِيعِ بِابْنَتَيْهَا مِنْ سَعْدٍ إِلَى رَسُولِ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ، فَقَالَتْ: يَا رَسُولَ اللَّهِ، هَاتَانِ ابْنَتَا سَعْدِ بْنِ الرَّبِيعِ، قُتِلَ أَبُوهُمَا مَعَكَ يَوْمَ أُحُدٍ شَهِيدًا، وَإِنَّ عَمَّهُمَا أَخَذَ مَالَهُمَا، فَلَمْ يَدَعْ لَهُمَا مَالًا وَلَا تُنْكَحَانِ إِلَّا وَلَهُمَا مَالٌ، قَالَ: يَقْضِي اللَّهُ فِي ذَلِكَ، فَنَزَلَتْ آيَةُ الْمِيرَاثِ، فَبَعَثَ رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ إِلَى عَمِّهِمَا، فَقَالَ: أَعْطِ ابْنَتَيْ سَعْدٍ الثُّلُثَيْنِ، وَأَعْطِ أُمَّهُمَا الثُّمُنَ، وَمَا بَقِيَ فَهُوَ لَكَ ، قَالَ أَبُو عِيسَى: هَذَا حَدِيثٌ حَسَنٌ صَحِيحٌ، لَا نَعْرِفُهُ إِلَّا مِنْ حَدِيثِ عَبْدِ اللَّهِ بْنِ مُحَمَّدِ بْنِ عَقِيلٍ، وَقَدْ رَوَاهُ شَرِيكٌ أَيْضًا عَنْ عَبْدِ اللَّهِ بْنِ مُحَمَّدِ بْنِ عَقِيلٍ.

Jabir bin 'Abdullah said:
The wife of Sa'd bin Ar-Rabi came with her two daughters from Sa'd to the Messenger of Allah (S.A.W) and said: "O Messenger of Allah (S.A.W)! these two are daughters of Sa'd bin Ar-Rabi who fought along with you on the day of Uhud and was martyred. Their uncle took their wealth, without leaving any wealth for them, and they will not be married unless they have wealth." He said: "Allah will decide on that matter." The ayah about inheritance was revealed, so the Messenger of Allah (S.A.W) sent (word) to their Uncle, saying: "Give the two daughters of Sa'd two-thirds, and give their mother one eighth, and whatever remains is for you."

TIRMIZI – 2092 (Status – صحيح)

حَدَّثَنَا هِشَامُ بْنُ عَمَّارٍ، حَدَّثَنَا سُفْيَانُ، عَنْ مُحَمَّدِ بْنِ الْمُنْكَدِرِ، سَمِعَ جَابِرَ بْنَ عَبْدِ اللَّهِ يَقُولُ: مَرِضْتُ فَأَتَانِي رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ يَعُودُنِي هُوَ وَأَبُو بَكْرٍ مَعَهُ وَهُمَا مَاشِيَانِ وَقَدْ أُغْمِيَ عَلَيَّ، فَتَوَضَّأَ رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ فَصَبَّ عَلَيَّ مِنْ وَضُوئِهِ فَقُلْتُ: يَا رَسُولَ اللَّهِ كَيْفَ أَصْنَعُ؟ كَيْفَ أَقْضِي فِي مَالِي حَتَّى نَزَلَتْ آيَةُ الْمِيرَاثِ فِي آخِرِ النِّسَاءِ وَإِنْ كَانَ رَجُلٌ يُورَثُ كَلَالَةً سورة النساء آية 12 وَيَسْتَفْتُونَكَ قُلِ اللَّهُ يُفْتِيكُمْ فِي الْكَلَالَةِ سورة النساء آية 176 الْآيَةَ.

It was narrated from Muhammad bin Munkadir that he heard Jabir bin ‘Abdullah say:
“I fell sick and the Messenger of Allah (ﷺ) came to me, and Abu Bakr was with him, and they came walking. I had lost consciousness, so the Messenger of Allah (ﷺ) performed ablution and poured some of the water of his ablution over me. I said: “O Messenger of Allah, what should I do? How should I decide about my wealth?” Until the Verse of inheritance was revealed at the end of An-Nisa’: “If the man or woman whose inheritance is in question has left neither ascendants or descendents.” [4:12] And: “They ask you for a legal verdict. Say: “Allah directs (thus) about those who leave neither descendants nor ascendants as heirs.” [4:176]

IBN-E-MAJAH – 2728 (Status – صحيح)

حَدَّثَنَا مَحْمُودُ بْنُ غَيْلَانَ ، حَدَّثَنَا أَبُو النَّضْرِ ، حَدَّثَنَا أَبُو مُعَاوِيَةَ شَيْبَانُ، عَنْ أَشْعَثَ، عَنِ الْأَسْوَدِ بْنِ يَزِيدَ، قَالَ: أَتَانَا مُعَاذُ بْنُ جَبَلٍ، بِالْيَمَنِ مُعَلِّمًا وَأَمِيرًا ، فَسَأَلْنَاهُ عَنْ رَجُلٍ تُوُفِّيَ وَتَرَكَ ابْنَتَهُ وَأُخْتَهُ، فَأَعْطَى الِابْنَةَ النِّصْفَ، وَالْأُخْتَ النِّصْفَ .

Narrated Al-Aswad bin Yazid: Mu`adh bin Jabal came to us in Yemen as a tutor and a ruler, and we (the people of Yemen) asked him about (the distribution of the property of) a man who had died

leaving behind a daughter and a sister. Mu`adh gave the daughter one-half of the property and the sister the other half. *BUKHARI – 6734 (Status – صحيح)*

حَدَّثَنَا آدَمُ ، حَدَّثَنَا شُعْبَةُ ، حَدَّثَنَا أَبُو قَيْسٍ ، سَمِعْتُ هُزَيْلَ بْنَ شُرَحْبِيلَ ، قَالَ : سُئِلَ أَبُو مُوسَى ، عَنْ بِنْتٍ ، وَابْنَةِ ابْنٍ ، وَأُخْتٍ ، فَقَالَ : لِلْبِنْتِ النِّصْفُ ، وَلِلْأُخْتِ النِّصْفُ ، وَأْتِ ابْنَ مَسْعُودٍ فَسَيُتَابِعُنِي ، فَسُئِلَ ابْنُ مَسْعُودٍ ، وَأُخْبِرَ بِقَوْلِ أَبِي مُوسَى ، فَقَالَ لَقَدْ ضَلَلْتُ إِذًا وَمَا أَنَا مِنَ الْمُهْتَدِينَ أَقْضِي فِيهَا بِمَا قَضَى النَّبِيُّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ ، لِلْابْنَةِ النِّصْفُ ، وَلِابْنَةِ ابْنٍ السُّدُسُ تَكْمِلَةَ الثُّلُثَيْنِ ، وَمَا بَقِيَ فَلِلْأُخْتِ . فَأَتَيْنَا أَبَا مُوسَى ، فَأَخْبَرْنَاهُ بِقَوْلِ ابْنِ مَسْعُودٍ ، فَقَالَ : لَا تَسْأَلُونِي مَا دَامَ هَذَا الْحَبْرُ فِيكُمْ .

Narrated Huzail bin Shurahbil: Abu Musa was asked regarding (the inheritance of) a daughter, a son's daughter, and a sister. He said, “The daughter will take one-half and the sister will take one-half. If you go to Ibn Mas`ud, he will tell you the same.” Ibn Mas`ud was asked and was told of Abu Musa's verdict. Ibn Mas`ud then said, “If I give the same verdict, I would stray and would not be of the rightly-guided. The verdict I will give in this case, will be the same as the Prophet did, i.e. one-half is for daughter, and one-sixth for the son's daughter, i.e. both shares make two-thirds of the total property; and the rest is

for the sister." Afterwards we came to Abu Musa and informed him of Ibn Mas`ud's verdict, whereupon he said, "So, do not ask me for verdicts, as long as this learned man is among you."

BUKHARI – 6736 (Status – صحيح)

حَدَّثَنَا أَبُو مَعْمَرٍ ، حَدَّثَنَا عَبْدُ الْوَارِثِ ، حَدَّثَنَا أَيُّوبُ ، عَنْ عِكْرِمَةَ ، عَنِ ابْنِ عَبَّاسٍ ، قَالَ : أَمَّا الَّذِي ، قَالَ رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ : لَوْ كُنْتُ مُتَّخِذًا مِنْ هَذِهِ الْأُمَّةِ خَلِيلًا ، لَاتَّخَذْتُهُ وَلَكِنْ خُلَّةُ الْإِسْلَامِ أَفْضَلُ أَوْ قَالَ خَيْرٌ ، فَإِنَّهُ أَنْزَلَهُ أَبًا أَوْ قَالَ قَضَاهُ أَبًا .

Narrated Ibn `Abbas: The person about whom Allah's Apostle said, "If I were to take a friend from this nation (my followers) then I would have taken him (i.e., Abu Bakr), but the Islamic concept of family relationship is better (or said: good); it regarded a grandfather as the father himself (in inheritance)."

BUKHARI – 6738 (Status – صحيح)

حَدَّثَنَا أَبُو حَاتِمٍ، حَدَّثَنَا ابْنُ الطَّبَّاعِ، حَدَّثَنَا هُشَيْمٌ، عَنْ يُونُسَ، عَنِ الْحَسَنِ، عَنْ مَعْقِلِ بْنِ يَسَارٍ، قَالَ: قَضَى رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ فِي جَدٍّ كَانَ فِينَا بِالسُّدُسِ.

It was narrated that Ma'qil bin Yasar said: "The Messenger of Allah (ﷺ) ruled concerning a grandfather who was amongst us, that he should receive one-sixth."

IBN-E-MAJAH – 2723 (Status – صحيح)

حَدَّثَنَا الْأَنْصَارِيُّ، حَدَّثَنَا مَعْنٌ، حَدَّثَنَا مَالِكٌ، عَنِ ابْنِ شِهَابٍ، عَنْ عُثْمَانَ بْنِ إِسْحَاق بْنِ خَرَشَةَ، عَنْ قَبِيصَةَ بْنِ ذُؤَيْبٍ، قَالَ: جَاءَتِ الْجَدَّةُ إِلَى أَبِي بَكْرٍ تَسْأَلُهُ مِيرَاثَهَا، قَالَ: فَقَالَ لَهَا: مَا لَكِ فِي كِتَابِ اللَّهِ شَيْءٌ، وَمَا لَكِ فِي سُنَّةِ رَسُولِ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ شَيْءٌ فَارْجِعِي حَتَّى أَسْأَلَ النَّاسَ، فَسَأَلَ النَّاسَ، فَقَالَ الْمُغِيرَةُ بْنُ شُعْبَةَ: حَضَرْتُ رَسُولَ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ فَأَعْطَاهَا السُّدُسَ ، فَقَالَ أَبُو بَكْرٍ: هَلْ مَعَكَ غَيْرُكَ، فَقَامَ مُحَمَّدُ بْنُ مَسْلَمَةَ الْأَنْصَارِيُّ، فَقَالَ: مِثْلَ مَا قَالَ الْمُغِيرَةُ بْنُ شُعْبَةَ، فَأَنْفَذَهُ لَهَا أَبُو بَكْرٍ، قَالَ: ثُمَّ جَاءَتِ الْجَدَّةُ الْأُخْرَى إِلَى عُمَرَ بْنِ الْخَطَّابِ تَسْأَلُهُ مِيرَاثَهَا، فَقَالَ: مَا لَكِ فِي كِتَابِ اللَّهِ شَيْءٌ، وَلَكِنْ هُوَ ذَاكَ السُّدُسُ فَإِنِ اجْتَمَعْتُمَا فِيهِ فَهُوَ بَيْنَكُمَا، وَأَيَّتُكُمَا خَلَتْ بِهِ فَهُوَ لَهَا ، قَالَ أَبُو عِيسَى: وَفِي الْبَابِ عَنْ بُرَيْدَةَ، وَهَذَا أَحْسَنُ وَهُوَ أَصَحُّ مِنْ حَدِيثِ ابْنِ عُيَيْنَةَ.

Qabisah bin Dhuw'aib said:
A grandmother came to Abu Bakr to ask him about her inheritance. He said to her, “There is nothing for you in the Book of Allah and there is nothing for you in the Sunnah of the Messenger of Allah (S.A.W). So, return until I ask the people.” So he asked the people and Al-Mughirah bin Shu'bah said: “I was present when the Messenger of Allah (S.A.W) gave her (case) one-sixth.” So he said: “Was anyone else with you?” Muhammad bin Maslamah stood to say the same as what Al-Mughirah bin Shu'bah had

said. So Abu Bakr implemented that for her. Then the other grandmother came to 'Umar bin Al-Khattab to ask him about her inheritance. He said: “There is nothing in the Book of Allah for you, but there is that one-sixth. So if the two of you are together then it is for both of you, and whoever of you remains, it is for her.” *TIRMIZI – 2101 (Status – ضعيف)*

حَدَّثَنَا عَبْدُ الرَّحْمَنِ بْنُ عَبْدِ الْوَهَّابِ، حَدَّثَنَا سَلْمُ بْنُ قُتَيْبَةَ، عَنْ شَرِيكٍ، عَنْ لَيْثٍ، عَنْ طَاوُسٍ، عَنِ ابْنِ عَبَّاسٍ، أَنّ رَسُولَ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ: وَرَّثَ جَدَّةً سُدُسًا.

Ibn ‘Abbas narrated that the Messenger of Allah(ﷺ) gave a grandmother one-sixth of the inheritance. *IBN-E-MAJAH – 2725 (Status – صحيح)*

حَدَّثَنَا بُنْدَارٌ، حَدَّثَنَا يَزِيدُ بْنُ هَارُونَ، أَخْبَرَنَا سُفْيَانُ، عَنْ أَبِي إِسْحَاق، عَنِ الْحَارِثِ، عَنْ عَلِيٍّ، أَنَّهُ قَالَ: إِنَّكُمْ تَقْرَءُونَ هَذِهِ الْآيَةَ: مِنْ بَعْدِ وَصِيَّةٍ تُوصُونَ بِهَا أَوْ دَيْنٍ سورة النساء آية 12 وَأَنَّ رَسُولَ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ قَضَى بِالدَّيْنِ قَبْلَ الْوَصِيَّةِ، وَإِنَّ أَعْيَانَ بَنِي الْأُمِّ يَتَوَارَثُونَ دُونَ بَنِي الْعَلَّاتِ، الرَّجُلُ يَرِثُ أَخَاهُ لِأَبِيهِ وَأُمِّهِ دُونَ أَخِيهِ لِأَبِيهِ.

Al-Harith narrated that 'Ali said:

“You recite this ayah: After payment of legacies he (or she) may have bequeathed and debts, without causing

haram till Surah An-Nisa Ayat-12. And indeed the Messenger of Allah (S.A.W) judged the debt before the will and that the children (sons and daughters) from the same mother and father inherit, not the sons from various mothers. The man inherits from his brother from his father, and his mother, not his brother from his father."

TIRMIZI – 2094 (Status – صحيح)

حَدَّثَنَا حُمَيْدُ بْنُ مَسْعَدَةَ، حَدَّثَنَا حُصَيْنُ بْنُ نُمَيْرٍ، عَنِ ابْنِ أَبِي لَيْلَى، عَنْ أَبِي الزُّبَيْرِ، عَنْ جَابِرٍ، عَنِ النَّبِيِّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ قَالَ: لَا يَتَوَارَثُ أَهْلُ مِلَّتَيْنِ ، قَالَ أَبُو عِيسَى: هَذَا حَدِيثٌ لَا نَعْرِفُهُ مِنْ حَدِيثِ جَابِرٍ إِلَّا مِنْ حَدِيثِ ابْنِ أَبِي لَيْلَى.

Jabir narrated that the Prophet (S.A.W) said:
"The people of two religions do not inherit from each other."

TIRMIZI – 2108 (Status – صحيح)

حَدَّثَنَا قُتَيْبَةُ، حَدَّثَنَا اللَّيْثُ، عَنْ إِسْحَاق بْنِ عَبْدِ اللَّهِ، عَنِ الزُّهْرِيِّ، عَنْ حُمَيْدِ بْنِ عَبْدِ الرَّحْمَنِ، عَنْ أَبِي هُرَيْرَةَ، عَنِ النَّبِيِّ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ قَالَ: الْقَاتِلُ لَا يَرِثُ.

Abu Hurairah narrated that the Prophet (S.A.W) said: "The murderer will not inherit."

TIRMIZI – 2109 (Status – صحيح)

ABBREVIATIONS AND TERMINOLOGIES

Zawil-Furudh	[ZF]
Asabat	[A]
Zawil-Arhaam	[ZA]
Asaba-Bi-Ghairihi	[A-B-G]
Asaba-Ma'a-Ghairihi	[A-M-G]
Asaba-Bi-Nafsihi	[A-B-N]
Husband	[H]
Father	[F]
Paternal Grandfather	[PGF]
Wife	[W]
Mother	[M]
Daughter	[D]
Granddaughter	[GD]
Real Sister	[RS]
Paternal Sister	[PS]
Maternal Sister	[MS]
Paternal Grandmother	[PGM]
Maternal Grandmother	[MGM]
Son	[S]
Grandson	[GS]
Great Grandson	[GGS]
Real Brother	[RB]
Maternal Brother	[MB]
Paternal Brother	[PB]
Nephew	[N]
Uncle	[U]
Uncle’s Son	[US]
Residue	[R]
Least Common Multiple	[LCM]

NOTE :

The following terms used in this book belong to the deceased person. Therefore, **due to kids** should be read as **due to kids of deceased**. This pattern will follow for rest of the terms:

(1) due to kids (2) due to no kids
(3) No share due to Mother
(4) No share of PGM and MGM due to Mother
(5) No share due to Father (6) due to Daughter
(7) due to GD (8) due to D and GD
(9) No share due to two Daughters
(10) due to Son (11) due to GD
(12) due to GS
(13) No share due to Father and Mother
(14) due to one RB (15) due to RB and RS
(16) due to two RS (17) due to PB and PS
(18) due to one PS (19) due to RS, PB, PS
(20) No share due to RS (21) due to RS
(22) No share due to two RS (23) due to RS and PS
(24) due to MB and MS (25) due to MS, MB, RS
(26) due to MB and RB (27) due to MB, PS
(28) due to MB, MS, RB, RS (29) due to MB, MS, PB
(30) due to MB, RS, PS (31) due to one MB

List of Inheritors

Types of Inheritors

1. Zawil-Furudh (ZF) = Sharers or Qur'anic Heirs
2. Asabat (A) = Residuary or Agnatic Heirs
3. Zawil-Arhaam (ZA) = Distant Kindred or Uterine Heirs

Types of Zawil-Furudh

Male:

1. Husband 2. Father
3. Paternal Grandfather (Dada)
4. Maternal Brother = Uterine Brother [Same Mother but Different Father]

Female:

1. Wife 2. Mother 3. Daughter
4. Granddaughter
5. Real Sister = Full Sister [Same Mother and Same Father]
6. Paternal Sister = Consanguine Sister [Same Father but Different Mother]
7. Maternal Sister = Uterine Sister [Same Mother but Different Father]
8. Paternal Grandmother (Dadi)
9. Maternal Grandmother (Nani)

Types of ASABAT

1. Asaba-Bi-Ghairihi (Men and Women)
2. Asaba-Ma'a-Ghairihi (Only Women)
3. Asaba-Bi-Nafsihi (Only Men)

ASABA-BI-GHAIRIHI (By another)

1. Daughter with Son
2. Granddaughter with Grandson
3. Real Sister with Real Brother
4. Paternal Sister with Paternal Brother

ASABA-MA'A-GHAIRIHI (With another)

1. Real Sister with Daughter
2. Real Sister with Granddaughter
3. Paternal Sister with Daughter
4. Paternal Sister with Granddaughter

ASABA-BI-NAFSIHI

Category 1 : [A] C1

1. Son 2. Grandson 3. Great Grandson

Category 2 : [A] C2

1. Father
2. Grandfather
3. Great Grandfather

Category 3 : [A] C3

1. Real Brother, Paternal Brother [Same Father but Different Mother]
2. Real Brother's Son, Paternal Brother's Son

Category 4 : [A] C4

1. Full Paternal Uncle, Consanguine Paternal Uncle
2. Full Paternal Uncle's Son, Consanguine Paternal Uncle's Son

Zawil-Arhaam

Category 1 :

1. Daughter's Son
2. Daughter's Daughter
3. Son's Daughter's Son
4. Son's Daughter's Daughter
5. Grandson's Daughter's Son
6. Grandson's Daughter's Daughter

Category 2 :

1. Maternal Grandfather
2. Maternal Great Grandfather
3. Father's Maternal Grandfather
4. Father's Maternal Great Grandfather
5. Mother's Paternal Grandfather
6. Mother's Maternal Grandfather
7. Mother's Paternal Grandmother
8. Mother's Paternal Great Grandmother

Category 3 :

1. Brother's Daughter
2. Sister's Son
3. Sister's Daughter
4. And their Kids
5. Kids of Maternal Brothers and Maternal Sisters

Category 4:

1. Father's Sister
2. Mother's Sister
3. Mother's Brother
4. And their Kids

Shares of Inheritors

Share of Husband (ZF)

- ❖ 1/2 If no kids present
- ❖ 1/4 If kids present (one or more)
  (Son, Daughter, Grandson, Granddaughter, Great Grandson, Great Granddaughter)

Share of Wife (ZF)

- ❖ 1/4 If no kids present
- ❖ 1/8 If kids present (one or more)
  (Son, Daughter, Grandson, Granddaughter, Great Grandson, Great Granddaughter)

Share of Father | Grandfather (ZF and A)

❖ **(ZF)**	1/6	kids present (one or more)
	[*Male*:	Son, Grandson, Great Grandson**]**
❖ **(ZF)+[A]**C2	1/6+R	kids present (one or more)
	[*Female*:	Daughter, Granddaughter Great Granddaughter**]**
❖ **[A]**C2	**R**	No Kids

(No share of Grandfather if Father is present)

Share of Daughter (ZF and A-B-G)

❖ **(ZF)**	1/2	No Son but only one Daughter is present
❖ **(ZF)**	2/3	No Son but two or more Daughters* present ***(Equal Distribution among Daughters)**
❖ **(A-B-G)**	2:1	If one or more Daughter(s) present with Son(s) ★Each Son [2 shares] ★Each Daughter [1 share]

Share of Mother (ZF)

- ❖ 1/6 Kids present (one or more)
  [*Male*: Son, Grandson, Great Grandson]
- ❖ 1/6 Kids present (one or more)
  [*Female*: Daughter, Granddaughter Great Granddaughter]
- ❖ 1/6 No kids but two or more Real Brothers and Sisters present
- ❖ 1/6 No kids, no Real Brother and Sister but two or more Paternal Brothers and Sisters present
- ❖ 1/6 No kids, no Real Brother and Sister, no Paternal Brother and Sister but two or more Maternal Brothers and Sisters present
- ❖ 1/6 No kids, but any types of Brother and Sister [two or more]
  [Real | Paternal | Maternal]
- ❖ 1/3 No kids, No real Brother and Sister, no Paternal Brother and Sister, no Maternal Brother and Sister
- ❖ 1/3 No kids, but only one Brother or only one Sister present [Real | Paternal | Maternal]

Shares of Granddaughter (ZF and A-B-G)

- ❖ **(ZF)** 1/2 No Son, No Grandson, No Daughter, Only One Granddaughter

❖ **(ZF)** 2/3 No Son, No Grandson, No Daughter, but two or more Granddaughters*
***(Equal Distribution among Granddaughters)**

❖ **(ZF)** 1/6 No Son, No Grandson but
★Only One Daughter [1/2]
★Only One Granddaughters [1/6]

❖ **(ZF)** 1/6 No Son, No Grandson but
★Only One Daughter [1/2]
★Two or more Granddaughters [1/6]*
***(Equal Distribution)**

❖ **(A-B-G) 2:1**
No Son, No Daughter
★ Only Grandson [2 shares]
★ Only Granddaughter [1 share]

❖ **(A-B-G) 2:1**
No Son, No Daughter, No Grandson, No Granddaughter
★ Only Great Grandson [2 shares]
★ Only Great Granddaughter [1 share]

❖ **(A-B-G) 2:1**
No Son, but two or more Daughters with Grandson(s) and Granddaughter(s) then due to Grandson, Granddaughter will get share
★ Grandson [2 shares]
★ Granddaughter [1 share]

No SHARE:

1. If Son is present then NO SHARE for Granddaughter and Grandson.
2. If Grandson is present then NO SHARE for Great Granddaughter and Great Grandson.
3. If No Son, No Grandson but two or more Daughters are present then NO SHARE for Granddaughter.

Share of Real Sister and Real Brother [ZF | A-B-G | A-M-G]

- **(ZF)** 1/2 Only One Real Sister
- **(ZF)** 2/3 Only Two or more Real Sisters*

*** (Equal Distribution)**

- **(A-B-G) 2:1**

  If one or more Real Sister(s) with one or more Real Brother(s).
  - ★ Each Real Brother [2 shares]
  - ★ Each Real Sister [1 share]

- **(A-M-G) R**

  No Real Brother but, one or more Real Sister(s) with
  - ★ Daughter(s) [One or more]
  - ★ Granddaughter(s) [One or more]

No SHARE: For Real Sister and Real Brother

1. If Son, Grandson or Great Grandson present.
2. If Father, Grandfather or Great Grandfather present.

Share of Paternal Sister and Brother [ZF | A-B-G | A-M-G]

- **(ZF)** 1/2 Only One Paternal Sister
- **(ZF)** 2/3 Only Two or more Paternal Sisters*

*** (Equal Distribution)**

- **(A-B-G) 2:1**

  If one or more Paternal Sister(s) with one or more Paternal Brother(s).
  - ★ Each Paternal Brother [2 shares]
  - ★ Each Paternal Sister [1 share]

- **(A-M-G) R**

  No Paternal Brother but, one or more Paternal Sister(s) with
  - ★ Daughter(s) [One or more]
  - ★ Granddaughter(s) [One or more]

❖ **(ZF)** 1/6 If One or more Paternal Sister(s)* present with One Real Sister [1/2]
*(Each Paternal Sister will get equal share from 1/6)**

NO SHARE : For Paternal Sister (Alone)

1. If two or more Real Sisters are present

NO SHARE : For Paternal Sister and Brother (Together)

1. If Son, Grandson or Great Grandson is present.
2. If Father, Grandfather or Great Grandfather is present.
3. If Real Brother is present.
4. If Real Sister [A-M-G) with Daughter [1/2] is present.
5. If Real Sister [A-M-G] with Granddaughter [1/2] is present.

Share of Maternal Sister and Maternal Brother (ZF)

❖ 1/6 If Only One Maternal Brother is present.
❖ 1/6 If Only One Maternal Sister is present.
❖ 1/3 If Two or more Maternal Brothers* are present.
❖ 1/3 If Two or more Maternal Sisters* are present.
❖ 1/3 If One Maternal Brother and One Maternal Sister* are present. ***(Equal Distribution)**

NO SHARE : For Maternal Sister and Brother

1. If Father, Grandfather or Great Grandfather is present.
2. If Son, Grandson or Great Grandson is present.
3. If Daughter, Grand Daughter or Great Granddaughter is present.

Share of Paternal and Maternal Grandmother Dadi and Nani [ZF]

❖ 1/6 If Only One Maternal Grandmother (Nani) is present.

❖ 1/6 If One Maternal Grandmother and One Paternal Grandmother* are present.

*(Equal Distribution)

❖ 1/6 Maternal Grandmother (Nani) if Father is present.

NO SHARE FOR :

1. Paternal Grandmother (Dadi) if Father is present.
2. Paternal Grandmother (Dadi) and Maternal Grandmother (Nani) if Mother is present.
3. Maternal Great Grandmother (Par Nani) if Maternal Grandmother (Nani) is present.
4. Paternal Great Grandmother (Par Dadi) if Paternal Grandmother (Dadi) is present.
5. Maternal Great Grandmother (Par Nani) if Paternal Grandmother (Dadi) is present.

Calculations of Will and Inheritance Amount

We have already discussed the Inheritors and their shares, but before the distribution of Inheritance among Inheritors we must know how to calculate Inheritance Amount.

Inheritance Amount will be ascertained after deducting Funeral Amount, Debt Amount and Will Amount.

TPA	=	Total Properly Amount
FA	=	Funeral Amount
DA★	=	Debt Amount
WA	=	Will Amount
IA	=	Inheritance Amount

$$WA \leq \frac{TPA - (FA+DA)}{3}$$

$$IA = TPA - (FA+DA+WA)$$

★(Also Includes pending Mehr *(Dower)* and Zakat)

One day death shall reach me and I will leave my belongings behind in this world.

After my death whatever I have left becomes my Inheritance. I shall have no right on my Inheritance.

Allah has clearly ordered in the Holy Quran for those who will get share from my Inheritance.

(Surah An-Nisa (4) Aayaat 7-14,176)

Allah has ordained fixed shares for mother, father, wife, daughter, husband and sister.

No body has right to modify fixed shares as defined by Allah because distribution of Inheritance is the "WILL" of Allah.

According to a correct hadeeth, the knowledge of distribution of Islamic Inheritance is called half knowledge of Islam.

Abu Hurairah narrated that Messenger of ALLAH (S.A.W) said: "O Abu Hurairah, Learn about the inheritance and teach it, for it is half of knowledge, but it will be forgotten. This is the first thing that will be taken away from my nation." Ibn-e-Majah (Hadeeth No: 2719)

Prophet MUHAMMAD (S.A.W) enjoins us to learn the knowledge of Inheritance and also teach it to others.

Abu Hurairah narrated that the Messenger of ALLAH (S.A.W.) said:

Learn the Laws of Inheritance and the Qur'an, and teach the People, for I am a mortal. Tirmizi (Hadeeth No: 2091)

My duty is to convey the message of ALLAH and His last and final Messenger (S.A.W.) to my family members, relatives and others so that they can perform their duties after my death according to the Qur'an and Sunnah. Ameen.

My Rights After Death

Duties of my family members and relatives towards me are

(1) Do funeral
(2) Pay my debts
(3) Execute my "WILL" which may be
    (a) For Masjid, Madarsa
    (b) For water pumps, shelters
    (c) For relatives whose shares are not mentioned in the Qur'an and Sunnah.
(4) Distribute my Inheritance among my legal heirs.

My first right after my death on you people is my funeral.

From my death to my funeral there will be expenses on my bath, on my shroud clothes, on sewing of my shroud, on digging of my grave, etc.

These expenses on the bathing, shrouding and burial should be paid from my estate.

My second right after my death on you is my debt if

I owe to someone and it should be paid from my estate.

My third right after my death on you is to execute my valid "WILL".

My valid "WILL" will not be applicable to the whole estate amount. It will be applicable to the amount that will be left after my funeral expenses and debt.

My valid "WILL" amount must not exceed the limit of one-third.

Narrated Sa'd (R.A.) I fell sick and the Prophet (S.A.W.) paid me a visit. I said, "I want to 'WILL' my Property, and I have only one daughter and I want to 'WILL' half of my Property (to be given in charity)." He said, "Half is too much." I said, " Then I will one-third." "He said, " One-third, yet even one-third is too much."

Sahîh AL- Bukhâri (Hadeeth No. 2747)

If my "WILL" amount exceeds from one-third then you have full right to make it one-third or less according to Islamic shariah.

My fourth right after my death on you is distribution of my inheritance among my legal heirs. Distribution of my inheritance among my legal heirs will not be applicable to the whole estate amount .

It will be applicable to the amount that will be left after my funeral expenses, debts and "WILL".

How to Calculate Inheritance Amount ?

Case-1

Let's Consider:

TPA	=	1,00,000
FA	=	10,000
DA	=	30,000
WA	=	25,000
IA	=	?

According to ISLAMIC LAWS OF INHERITANCE, verify **WILL** Amount by this formula :

$$\boxed{WA \leq \frac{TPA - (FA+DA)}{3}}$$

$$WA = \frac{1,00,000 - (10,000+30,000)}{3}$$

$$WA = \frac{1,00,000 - (40,000)}{3} = \frac{60,000}{3}$$

$$\boxed{WA = 20,000}$$

Note : Acceptable **WILL** Amount will be 20,000 not 25,000

Now Calculate the **Inheritance** Amount by this formula :

$$\boxed{IA = TPA - (FA + DA + WA)}$$

IA = 1,00,000 – (10,000 + 30,000 +20,000)

IA = 1,00,000 – 60,000

IA = 40,000

Calculated **Inheritance** Amount 40,000 will be distributed among legal heirs.

Case-2

Let's Consider:

TPA = 1,00,000

FA = 10,000

DA = 0

WA = $\frac{1}{3}$ for Madarsa

IA = ?

Calculate the **WILL** Amount by this formula :

$$\mathbf{WA \leq \frac{TPA - (FA+DA)}{3}}$$

$$WA = \frac{1,00,000 - (10,000+0)}{3}$$

$$WA = \frac{90,000}{3} = 30,000$$

Now Calculate the **Inheritance** Amount by this formula :

IA = TPA – (FA + DA + WA)

IA = 1,00,000 – (10,000 + 0 +30,000)

IA = 1,00,000 – 40,000

IA = 60,000

Calculated **Inheritance** Amount 60,000 will be distributed among legal heirs.

Order of Distribution of Inheritance

We have already discussed the Types of Inheritors, Shares of Inheritors and How to calculate **Will** and **Inheritance** Amount.

Here we are going to discuss the order of **Distribution of Inheritance** among legal Inheritors.

1. Inheritance Amount will first be distributed among ZAWIL–FURUDH.
2. Residue left from ZAWIL–FURUDH will be distributed among ASABAT.
3. If None from ASABAT exists then Residue left will be distributed among the ZAWIL–FURUDH except Husband / Wife.
4. If ZAWIL–FURUDH and ASABAT are not present then Inheritance Amount will be distributed Among ZAWIL–ARHAAM.
5. If none from ASABAT exists but Husband/Wife is present from ZAWIL–FURUDH then after Inheritance is distributed to Husband/Wife, Residue left will be distributed among ZAWIL –ARHAAM.

Golden Rules of Inheritance

1. If there is no heir except Mother then she will be the owner of whole estate of the deceased.
2. If there is no heir except Father then he will be the owner of whole estate of the deceased.
3. If there is no heir except Grandfather then he will be the owner of whole estate of the deceased.
4. If there is no heir except Paternal Grandmother is present then she will be the owner of whole estate of the deceased.
5. If there is no heir except Maternal Grandmother then she will be the owner of whole estate of the deceased.
6. If there is no heir except Son then he will be the owner of whole estate of the deceased.
7. If there is no heir except Daughter then she will be the owner of whole estate of the deceased.
8. If there is no heir except Grandson then he will be the owner of whole estate of the deceased.
9. If there is no heir except Granddaughter then she will be the owner of whole estate of the deceased.
10. If there is no heir except Real Brother then he will be the owner of whole estate of the deceased.

11. If there is no heir except Real Sister then she will be the owner of whole estate of the deceased.
12. If there is no heir except Paternal Brother then he will be the owner of whole estate of the deceased.
13. If there is no heir except Paternal Sister then she will be the owner of whole estate of the deceased.
14. If there is no heir except Maternal Brother then he will be the owner of whole estate of the deceased.
15. If there is no heir except Maternal Sister then she will be the owner of whole estate of the deceased.
16. If there is no heir except Nephew then he will be the owner of whole estate of the deceased.
17. If there is no heir except Uncle then he will be the owner of whole estate of the deceased.
18. (A) If there is no heir except Wife/Husband then she/he will be the owner of whole estate of the deceased according to one group of Scholars.

    (B) If there is no heir except Wife/Husband then she/he will be the owner of $\frac{1}{4}$ (i.e. one fourth)/$\frac{1}{2}$ (i.e. half) of the whole estate of the deceased according to another group of Scholars and $\frac{3}{4}$ (i.e. three fourth)/ $\frac{1}{2}$ (i.e. half) will be submitted in BAIT–UL–MAAL because ''RADD" is not applicable to Wife/Husband.

Multiple Case Studies with Mathematical Calculations

QUESTION -1

Distribute Inheritance between following Inheritors:

1. Son
2. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Son	R
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

Wife = $\frac{1}{8}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{8}$$

$$= \frac{8 - 1}{8} = \frac{7}{8}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccc} W & + & S \\ \frac{1}{8} & + & \frac{7}{8} \end{array}$$

$$\frac{1 + 7}{8} = \frac{8}{8}$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

1 Part will go to Wife.

7 Parts will go to Son.

QUESTION - 2

Distribute Inheritance between following Inheritors:

1. Son
2. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Son	R
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

Husband = $\frac{1}{4}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{1}{4}$$

$$= \quad \frac{4 - 1}{4} = \frac{3}{4}$$

Step - 4 : Total shares of all Inheritors

H + S

$$\frac{1}{4} + \frac{3}{4}$$

$$\frac{1 + 3}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

1 Part will go to Husband.

3 Parts will go to Son.

QUESTION - 3

Distribute Inheritance between following Inheritors:

1. Son
2. Daughter

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Son, Daughter

In case of ASABA-BI-GHAIRIHI, the ratio of Son and Daughter is 2:1 respectively.

Therefore, addition of their ratios will be

$$S + D = 2 + 1 = 3$$

Calculation Summary

Total Inheritance will be divided into 3 parts.

2 Parts will go to Son.

1 Part will go to Daughter.

QUESTION - 4

Distribute Inheritance among following Inheritors:

1. Three Sons
2. Two Daughters

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { 3 Sons, 2 Daughters

In case of ASABA-BI-GHAIRIHI, the ratio of Son and Daughter is 2:1 respectively.

Therefore, addition of their ratios will be

$$S + S + S + D + D = 2 + 2 + 2 + 1 + 1 = 8$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

2 Parts will go to each Son.

1 Part will go to each Daughter.

QUESTION - 5

Distribute Inheritance among following Inheritors:

1. Mother
2. Son
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[A-B-N]	Son	R	
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} M & + & H \\ \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{5}{12}$$

$$= \quad \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccc} M & + & S & + & H \\ \frac{1}{6} & + & \frac{7}{12} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 7 + 3}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Mother.

7 Parts will go to Son.

3 Parts will go to Husband.

QUESTION - 6

Distribute Inheritance among following Inheritors:

1. Mother
2. Son
3. Daughter
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Mother $\frac{1}{6}$ (due to Kids)

[A-B-G] $\left\{\begin{matrix}\text{Son}\\\text{Daughter}\end{matrix}\right\}$ R

[ZF] Wife $\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{matrix} M & + & W \\ \frac{1}{6} & + & \frac{1}{8} \end{matrix}$$

$$\frac{4 + 3}{24} = \frac{7}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son = Whole – Total Share for ZF and Daughter (R)

$$= 1 - \frac{7}{24}$$

$$= \frac{24 - 7}{24} = \frac{17}{24}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{2}{3} = \frac{17}{36}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{1}{3} = \frac{17}{72}$$

Step - 4 : Total shares of all Inheritors

$$M + S + D + W$$

$$\frac{1}{6} + \frac{17}{36} + \frac{17}{72} + \frac{1}{8}$$

$$\frac{12 + 34 + 17 + 9}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

12 Parts will go to Mother.

34 Parts will go to Son.

17 Parts will go to Daughter.

9 Parts will go to Wife.

QUESTION - 7

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Paternal Grandmother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son, Daughter	R
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

PGM + H

$$\frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

$$S + D = 2 + 1 = 3$$

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$S + D + PGM + H$$

$$\frac{7}{18} + \frac{7}{36} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{14 + 7 + 6 + 9}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

14 Parts will go to Son.

7 Parts will go to Daughter.

6 Parts will go to PGM.

9 Parts will go to Husband.

QUESTION - 8

Distribute Inheritance among following Inheritors:

1. Son
2. Paternal Grandmother
3. Maternal Grandmother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Son	R
[ZF]	PGM	$\frac{1}{6}$ *
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : <u>Total share of ZF</u>

PGM + MGM + H

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{1 + 1 + 3}{12} = \frac{5}{12}$$

Step - 3 : <u>Share of ASABA-BI-NAFSIHI</u>

Share left for Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : <u>Total shares of all Inheritors</u>

S + PGM + MGM + H

$$\frac{7}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{7 + 1 + 1 + 3}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

7 Parts will go to Son.

1 Part will go to Paternal Grandmother.

1 Part will go to Maternal Grandmother.

3 Parts will go to Husband.

QUESTION - 9

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Mother
4. Paternal Grandmother

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son, Daughter	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	PGM	(No share due to Mother)

Step - 2 : Total share of ZF

Mother = $\frac{1}{6}$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{6}$$

$$= \frac{6 - 1}{6} = \frac{5}{6}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son = R x $\frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{6} \times \frac{2}{3} = \frac{5}{9}$$

e) Share of Daughter = R x $\frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{6} \times \frac{1}{3} = \frac{5}{18}$$

Step - 4 : Total shares of all Inheritors

$$S + D + M$$

$$\frac{5}{9} + \frac{5}{18} + \frac{1}{6}$$

$$\frac{10 + 5 + 3}{18} = \frac{18}{18}$$

Calculation Summary

Total Inheritance will be divided into 18 parts.

10 Parts will go to Son.

5 Parts will go to Daughter.

3 Parts will go to Mother.

QUESTION - 10

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Mother
4. Maternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son, Daughter	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	MGM	(No share due to Mother)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

M + H

$$\frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

$$\boxed{S + D = 2 + 1 = 3}$$

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$M + H + S + D$$

$$\frac{1}{6} + \frac{1}{4} + \frac{7}{18} + \frac{7}{36}$$

$$\frac{6 + 9 + 14 + 7}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

6 Parts will go to Mother.

9 Parts will go to Husband.

14 Parts will go to Son.

7 Parts will go to Daughter.

QUESTION - 11

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Mother
4. Paternal Grandmother
5. Maternal Grandmother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son, Daughter	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	PGM	(No share of PGM and MGM due to Mother)
[ZF]	MGM	(No share of PGM and MGM due to Mother)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} M & + & W \\ \frac{1}{6} & + & \frac{1}{8} \\ \frac{4 + 3}{24} & = & \frac{7}{24} \end{array}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son = Whole – Total Share of ZF and Daughter (R)

$$= 1 - \frac{7}{24}$$

$$= \frac{24 - 7}{24} = \frac{17}{24}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son = R x $\frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{2}{3} = \frac{17}{36}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{1}{3} = \frac{17}{72}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$M + W + S + D$$

$$\frac{1}{6} + \frac{1}{8} + \frac{17}{36} + \frac{17}{72}$$

$$\frac{12 + 9 + 34 + 17}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

12 Parts will go to Mother.

9 Parts will go to Wife.

34 Parts will go to Son.

17 Parts will go to Daughter.

QUESTION - 12

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Grandson Granddaughter	R
[ZF]	Wife	$\frac{1}{8}$

Step - 2 : Total share of ZF

$$\text{Wife} = \frac{1}{8}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for GS and GD (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{8}$$

$$= \frac{8 - 1}{8} = \frac{7}{8}$$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$$= \frac{7}{8} \times \frac{2}{3} = \frac{7}{12}$$

e) Share of GD = R x $\frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

= $\frac{7}{8}$ x $\frac{1}{3}$ = $\frac{7}{24}$

Step - 4 : Total shares of all Inheritors

W + GS + GD

$\frac{1}{8} + \frac{7}{12} + \frac{7}{24}$

$\frac{3 + 14 + 7}{24} = \frac{24}{24}$

Calculation Summary

Total Inheritance will be divided into 24 parts.

3 Parts will go to Wife.

14 Parts will go to Grandson.

7 Parts will go to Granddaughter.

QUESTION - 13

Distribute Inheritance between following Inheritors:

1. Grandson
2. Daughter

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Grandson	R
[ZF]	Daughter	$\frac{1}{2}$

Step - 2 : Total share of ZF

Daughter = $\frac{1}{2}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for GS (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{1}{2}$$

$$= \quad \frac{2 - 1}{2} \quad = \frac{1}{2}$$

Step - 4 : Total shares of all Inheritors

D + GS

$$\frac{1}{2} + \frac{1}{2}$$

$$\frac{1 + 1}{2} = \frac{2}{2}$$

Calculation Summary

Total Inheritance will be divided into 2 parts.

1 Part will go to Daughter.

1 Part will go to Grandson.

QUESTION - 14

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Daughter

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Grandson, Granddaughter } R

[ZF] Daughter $\frac{1}{2}$

Step - 2 : Total share of ZF

Daughter = $\frac{1}{2}$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for GS and GD (R) = Whole – Total Share of ZF

$= 1 - \frac{1}{2}$

$= \frac{2 - 1}{2} = \frac{1}{2}$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS = $R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{2} \times \frac{2}{3} = \frac{1}{3}$

e) Share of GD = R x $\frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

Step - 4 : <u>Total shares of all Inheritors</u>

GS + GD + D

$\frac{1}{3} + \frac{1}{6} + \frac{1}{2}$

$\frac{2 + 1 + 3}{6} = \frac{6}{6}$

Calculation Summary

Total Inheritance will be divided into 6 parts.

2 Parts will go to Grandson.

1 Part will go to Granddaughter.

3 Parts will go to Daughter.

QUESTION - 15

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Daughter
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Grandson Granddaughter	R
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

D + H

$\frac{1}{2} + \frac{1}{4}$

$\frac{2 + 1}{4} = \frac{3}{4}$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for GS and GD (R) = Whole – Total Share of ZF

$= 1 - \frac{3}{4}$

$= \frac{4 - 3}{4} = \frac{1}{4}$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{4} \times \frac{2}{3} = \frac{1}{6}$

e) Share of GD $= R \times \frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$

Step - 4 : <u>Total shares of all Inheritors</u>

GS + GD + D + H

$\frac{1}{6} + \frac{1}{12} + \frac{1}{2} + \frac{1}{4}$

$\frac{2 + 1 + 6 + 3}{12} = \frac{12}{12}$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Grandson.

1 Part will go to Granddaughter.

6 Parts will go to Daughter.

3 Parts will go to Husband.

QUESTION - 16

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Mother
4. Daughter
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Grandson Granddaughter	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$M + D + W$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{8}$$

$$\frac{4 + 12 + 3}{24} = \frac{19}{24}$$

Step - 3 : <u>Share of ASABA-BI-GHAIRIHI</u>

a) Share left for GS and GD (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$$= \frac{5}{24} \times \frac{2}{3} = \frac{5}{36}$$

e) Share of GD $= R \times \frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$$= \frac{5}{24} \times \frac{1}{3} = \frac{5}{72}$$

Step - 4 : Total shares of all Inheritors

$$\text{GS} + \text{GD} + \text{M} + \text{D} + \text{W}$$

$$\frac{5}{36} + \frac{5}{72} + \frac{1}{6} + \frac{1}{2} + \frac{1}{8}$$

$$\frac{10 + 5 + 12 + 36 + 9}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

- 10 Parts will go to Grandson.
- 5 Parts will go to Granddaughter.
- 12 Parts will go to Mother.
- 36 Parts will go to Daughter.
- 9 Parts will go to Wife.

QUESTION - 17

Distribute Inheritance among following Inheritors:

1. Grandson
2. Two Daughters
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Grandson	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$

Step - 2 : <u>Total share of ZF</u>

$$D + D + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{8}$$

$$\frac{8 + 8 + 3}{24} = \frac{19}{24}$$

Step - 3 : <u>Share of ASABA-BI-NAFSIHI</u>

Share left for GS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + D + W + GS$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{8} + \frac{5}{24}$$

$$\frac{8 + 8 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

3 Parts will go to Wife .

5 Parts will go to Grandson.

QUESTION - 18

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Two Daughters
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Grandson, Granddaughter } R

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] Husband $\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$

Step - 2 : Total share of ZF

D + D + H

$\frac{1}{3} + \frac{1}{3} + \frac{1}{4}$

$\frac{4 + 4 + 3}{12} = \frac{11}{12}$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for GS and GD (R)

= Whole – Total Share of ZF

$= 1 - \frac{11}{12}$

$= \frac{12 - 11}{12} = \frac{1}{12}$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$

e) Share of GD $= R \times \frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + D + H + GS + GD$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4} + \frac{1}{18} + \frac{1}{36}$$

$$\frac{12 + 12 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

12 Parts will go to 1st Daughter.

12 Parts will go to 2nd Daughter.

9 Parts will go to Husband .

2 Parts will go to Grandson.

1 Part will go to Granddaughter.

QUESTION - 19

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Two Daughters
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Grandson, Granddaughter } R

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] Mother $\frac{1}{6}$ (due to Kids)

[ZF] Husband $\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$

Step - 2 : Total share of ZF

$$D + D + M + H$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12} > 1$$

No residue left for Grandson and Granddaughter (A-B-G).

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother .

3 Parts will go to Husband.

QUESTION - 20

Distribute Inheritance between following Inheritors:

1. Father
2. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Father	R (due to no Kid)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

Wife = $\frac{1}{4}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{4}$$

$$= \frac{4 - 1}{4} = \frac{3}{4}$$

Step - 4 : Total shares of all Inheritors

W + F

$$\frac{1}{4} + \frac{3}{4}$$

$$\frac{1 + 3}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

3 Parts will go to Father.

QUESTION - 21

Distribute Inheritance between following Inheritors:

1. Father
2. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Father	R (due to no Kid)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

Husband = $\frac{1}{2}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{2}$$

$$= \frac{2 - 1}{2} = \frac{1}{2}$$

Step - 4 : Total shares of all Inheritors

H + F

$$\frac{1}{2} + \frac{1}{2}$$

$$\frac{1 + 1}{2} = \frac{2}{2}$$

Calculation Summary

Total Inheritance will be divided into 2 parts.

1 Part will go to Husband.

1 Part will go to Father.

QUESTION - 22

Distribute Inheritance between following Inheritors:

1. Mother
2. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Mother	$\frac{1}{3}$	(due to no Kid)
[A-B-N]	Father	R	(due to no Kid)

Step - 2 : Total share of ZF

$$\text{Mother} = \frac{1}{3}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{3}$$

$$= \frac{3 - 1}{3} = \frac{2}{3}$$

Step - 4 : Total shares of all Inheritors

M + F

$$\frac{1}{3} + \frac{2}{3}$$

$$\frac{1 + 2}{3} = \frac{3}{3}$$

Calculation Summary

Total Inheritance will be divided into 3 parts.

1 Part will go to Mother.

2 Parts will go to Father.

QUESTION - 23

Distribute Inheritance among following Inheritors:

1. Mother
2. Father
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Mother	$\frac{1}{3}$	(due to no Kid)
[A-B-N]	Father	R	(due to no Kid)
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

Calculation procedure will be different for this question due to Hazrat Umar's (R.A) Fatwa:

" If the deceased left behind a spouse , a Father and a Mother but no offspring and multiple siblings, Umar's calculation need to be applied as :

1. Wife or Husband will get prescribed share.
2. Parents will not get their prescribed share.
3. Parents will share the remainder with the 2:1 ratio for Father and Mother."

Step - 2 : <u>Calculation procedure according to Hazrat Umar's Fatwa</u>

a) Prescribed share of Wife is $\frac{1}{4}$ because kids is not present.

b) Share left for Father and Mother(R) = Whole − Prescribed share of Wife

$$= 1 - \frac{1}{4}$$

$$= \frac{4 - 1}{4} = \frac{3}{4}$$

c) Ratio between Father and Mother

Father : Mother = 2:1

d) Addition of Ratios of Father and Mother

Father + Mother = 2+1 = 3

e) Share of Father = R x $\frac{\text{Ratio of Father}}{\text{Addition of Ratios of Father and Mother}}$

$$= \frac{3}{4} \times \frac{2}{3} = \frac{1}{2}$$

f) Share of Mother = R x $\frac{\text{Ratio of Mother}}{\text{Addition of Ratios of Father and Mother}}$

$$= \frac{3}{4} \times \frac{1}{3} = \frac{1}{4}$$

Step - 3 : Total shares of all Inheritors

$$W + F + M$$

$$\frac{1}{4} + \frac{1}{2} + \frac{1}{4}$$

$$\frac{1 + 2 + 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

2 Parts will go to Father.

1 Part will go to Mother.

QUESTION - 24

Distribute Inheritance among following Inheritors:

1. Mother
2. Father
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Mother	$\frac{1}{3}$ (due to no Kid)
[A-B-N]	Father	R (due to no Kid)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Calculation procedure will be different for this question due to Hazrat Umar's (R.A) Fatwa:
" If the deceased left behind a spouse , a Father and a Mother but no offspring and multiple siblings, Umar's calculation need to be applied as :

1. Wife or Husband will get prescribed share.
2. Parents will not get their prescribed share.
3. Parents will share the remainder with the 2:1 ratio for Father and Mother."

Step - 2 : Calculation procedure according to Hazrat Umar's Fatwa

a) Prescribed share of Husband is $\frac{1}{2}$ because kids is not present.

b) Share left for Father and Mother(R) = Whole – Prescribed share of Husband

$$= 1 - \frac{1}{2}$$

$$= \frac{2 - 1}{2} = \frac{1}{2}$$

c) Ratio between Father and Mother

Father : Mother = 2:1

d) Addition of Ratios of Father and Mother

Father + Mother = 2+1 = 3

e) Share of Father $= R \times \frac{\text{Ratio of Father}}{\text{Addition of Ratios of Father and Mother}}$

$= \frac{1}{2} \times \frac{2}{3} = \frac{1}{3}$

f) Share of Mother $= R \times \frac{\text{Ratio of Mother}}{\text{Addition of Ratios of Father and Mother}}$

$= \frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

Step - 3 : Total shares of all Inheritors

$$H + F + M$$

$$\frac{1}{2} + \frac{1}{3} + \frac{1}{6}$$

$$\frac{3 + 2 + 1}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

3 Parts will go to Husband.

2 Parts will go to Father.

1 Part will go to Mother.

QUESTION - 25

Distribute Inheritance among following Inheritors:

1. Father
2. Paternal Grandmother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Father	R (due to no Kid)
[ZF]	PGM	(No share due to Father)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\text{Wife} = \frac{1}{4}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

$$\text{Share left for Father (R)} = \text{Whole} - \text{Total Share of ZF}$$

$$= 1 - \frac{1}{4}$$

$$= \frac{4 - 1}{4} = \frac{3}{4}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccc} W & + & F & \\ \frac{1}{4} & + & \frac{3}{4} & \\ \frac{1 + 3}{4} & & = & \frac{4}{4} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

3 Parts will go to Father.

QUESTION - 26

Distribute Inheritance among following Inheritors:

1. Father
2. Maternal Grandmother
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Father	R	(due to no Kid)
[ZF]	MGM	$\frac{1}{6}$	
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccc} \text{MGM} & + & \text{H} & \\ \frac{1}{6} & + & \frac{1}{2} & \\ \frac{1}{6} & + & \frac{3}{6} & = \frac{4}{6} = \frac{2}{3} \end{array}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Father (R) = Whole – Total Share of ZF

$$= \quad 1 \quad - \frac{2}{3}$$

$$= \quad \frac{3 \quad - \quad 2}{3} = \frac{1}{3}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccc} \text{MGM} & + & \text{H} & + & \text{F} & \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{3} & \\ \frac{1}{6} & + & \frac{3}{6} & + & \frac{2}{6} & = \frac{6}{6} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Parts will go to Maternal Grandmother.

3 Parts will go to Husband.

2 Parts will go to Father.

QUESTION - 27

Distribute Inheritance among following Inheritors:

1. Father
2. Maternal Grandmother
3. Paternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Father	R (due to no Kid)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	PGM	(No Share due to Father)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccc} \text{MGM} & + & \text{W} & \\ \frac{1}{6} & + & \frac{1}{4} & \\ \frac{2}{12} & + & \frac{3}{12} & = \frac{5}{12} \end{array}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Father (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccc} \text{MGM} & + & \text{W} & + & \text{F} \\ \frac{1}{6} & + & \frac{1}{4} & + & \frac{7}{12} \end{array}$$

$$\frac{2 + 3 + 7}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Grandmother.

3 Parts will go to Wife.

7 Parts will go to Father.

QUESTION - 28

Distribute Inheritance among following Inheritors:

1. Mother
2. Father
3. Maternal Grandmother
4. Paternal Grandmother

5 Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Mother	$\frac{1}{3}$ (due to no Kid)
[A-B-N]	Father	R (due to no Kid)
[ZF]	MGM	(No Share due to Mother)
[ZF]	PGM	(No Share due to Father)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Calculation procedure will be different for this question due to Hazrat Umar's (R.A) Fatwa:
" If the deceased left behind a spouse , a Father and a Mother but no offspring and multiple siblings, Umar's calculation need to be applied as :

1. Wife or Husband will get prescribed share.
2. Parents will not get their prescribed share.
3. Parents will share the remainder with the 2:1 ratio for Father and Mother."

Step - 2 : Calculation Procedure according to Hazrat Umar's Fatwa

a) Prescribed share of Husband is $\frac{1}{2}$ because kids is not present.

b) Share left for Father and Mother(R) = Whole – Prescribed share of Husband

$$= 1 - \frac{1}{2}$$

$$= \frac{2 - 1}{2} = \frac{1}{2}$$

c) Ratio between Father and Mother

Father : Mother = 2 : 1

d) Addition of Ratios of Father and Mother

Father + Mother = 2 + 1 = 3

e) Share of Father = R x $\frac{\text{Ratio of Father}}{\text{Addition of Ratios of Father and Mother}}$

$$= \frac{1}{2} \times \frac{2}{3} = \frac{1}{3}$$

f) Share of Mother = R x $\frac{\text{Ratio of Mother}}{\text{Addition of Ratios of Father and Mother}}$

$$= \frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

Step - 3 : <u>Total shares of all Inheritors</u>

H + F + M

$$\frac{1}{2} + \frac{1}{3} + \frac{1}{6}$$

$$\frac{3 + 2 + 1}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

3 Parts will go to Husband.

2 Parts will go to Father.

1 Part will go to Mother.

QUESTION - 29

Distribute Inheritance between following Inheritors:

1. Daughter
2. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)

Step - 2 : Total share of ZF

D + F

$\frac{1}{2} + \frac{1}{6}$

$\frac{3 + 1}{6} = \frac{4}{6} = \frac{2}{3}$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{2}{3}$$

$$= \frac{3 - 2}{3} = \frac{1}{3}$$

b) Total Share of Father = ZF + R

$$= \frac{1}{6} + \frac{1}{3}$$

$$= \frac{1 + 2}{6} = \frac{3}{6} = \frac{1}{2}$$

Step - 4 : Total shares of all Inheritors

D + F

$$\frac{1}{2} + \frac{1}{2}$$

$$\frac{1 + 1}{2} = \frac{2}{2}$$

Calculation Summary

Total Inheritance will be divided into 2 parts.

1 Part will go to Father.

1 Part will go to Daughter.

QUESTION - 30

Distribute Inheritance among following Inheritors:

1. Daughter
2. Father
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$	
[ZF]+[A-B-N]	Father	$\frac{1}{6}$	+ R (due to Daughter)
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)

Step - 2 : Total share of ZF

$$D + F + W$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{12 + 4 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole –Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Total Share of Father

$$= ZF + R$$

$$= \frac{1}{6} + \frac{5}{24}$$

$$= \frac{4 + 5}{24} = \frac{9}{24} = \frac{3}{8}$$

Step - 4 : Total shares of all Inheritors

$$D + F + W$$

$$\frac{1}{2} + \frac{3}{8} + \frac{1}{8}$$

$$\frac{4 + 3 + 1}{8} = \frac{8}{8}$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

4 Parts will go to Daughter.

3 Parts will go to Father.

1 Part will go to Wife.

QUESTION - 31

Distribute Inheritance among following Inheritors:

1. Two Daughters
2. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF]+[A-B-N] Father $\frac{1}{6}$ + R (due to Daughter)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

D + D + F

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6}$$

$$\frac{2 + 2 + 1}{6} = \frac{5}{6}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{6}$$

$$= \frac{6 - 5}{6} = \frac{1}{6}$$

b) Total Share of Father $= ZF + R$

$$= \frac{1}{6} + \frac{1}{6}$$

$$= \frac{1 + 1}{6} = \frac{2}{6} = \frac{1}{3}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + D + F$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$$

$$\frac{1 + 1 + 1}{3} = \frac{3}{3}$$

Calculation Summary

Total Inheritance will be divided into 3 parts.

1 Part will go to 1st Daughter.

1 Part will go to 2nd Daughter.

1 Part will go to Father.

QUESTION - 32

Distribute Inheritance among following Inheritors:

1. Two Daughters
2. Father
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$D + D + F + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{8 + 8 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Total Share of Father

$$= ZF + R$$

$$= \frac{1}{6} + \frac{1}{24}$$

$$= \frac{4 + 1}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + D + F + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{5}{24} + \frac{1}{8}$$

$$\frac{8 + 8 + 5 + 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

5 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 33

Distribute Inheritance among following Inheritors:

1. Two Daughters
2. Father
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & F & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \\ \multicolumn{7}{c}{\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Father.

3 Parts will go to Husband.

QUESTION - 34

Distribute Inheritance among following Inheritors:

1. Daughter
2. Mother
3. Father
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & M & + & F & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \\ \multicolumn{7}{c}{\frac{6 + 2 + 2 + 3}{12}} & = & \frac{13}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Daughter.

2 Parts will go to Mother.

2 Parts will go to Father.

3 Parts will go to Husband.

QUESTION - 35

Distribute Inheritance among following Inheritors:

1. Two Daughters
2. Mother
3. Father
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$D + D + M + F + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{8 + 8 + 4 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

4 Parts will go to Mother.

4 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 36

Distribute Inheritance among following Inheritors:

1. Daughter
2. Father
3. Paternal Grandmother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ +R (due to Daughter)
[ZF]	PGM	(No share due to Father)
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$D + F + H$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Total Share of Father

$$= ZF + R$$

$$= \frac{1}{6} + \frac{1}{12}$$

$$= \frac{2 + 1}{12} = \frac{3}{12} = \frac{1}{4}$$

Step - 4 : Total shares of all Inheritors

$$D + F + H$$

$$\frac{1}{2} + \frac{1}{4} + \frac{1}{4}$$

$$\frac{2 + 1 + 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Daughter.

1 Part will go to Father.

1 Part will go to Husband.

QUESTION - 37

Distribute Inheritance among following Inheritors:

1. Daughter
2. Father
3. Paternal Grandmother
4. Maternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	PGM	(No share due to Father)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & F & + & MGM & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \frac{6}{12} & + & \frac{2}{12} & + & \frac{2}{12} & + & \frac{3}{12} & = \frac{13}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Daughter.

2 Parts will go to Father.

2 Parts will go to MGM.

3 Parts will go to Husband.

QUESTION - 38

Distribute Inheritance among following Inheritors:

1. Daughter
2. Mother
3. Father
4. Maternal Grandmother
5. Wife
6. Paternal Grandmother

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	MGM	(No share due to Mother)
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)
[ZF]	PGM	(No share due to Father) (No share due to Mother)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & M & + & F & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Total Share of Father $= ZF + R$

$$= \frac{1}{6} + \frac{1}{24}$$

$$= \frac{4 + 1}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + M + F + W$$

$$\frac{1}{2} + \frac{1}{6} + \frac{5}{24} + \frac{1}{8}$$

$$\frac{12 + 4 + 5 + 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

12 Parts will go to Daughter.

4 Parts will go to Mother.

5 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 39

Distribute Inheritance among following Inheritors:

1. Two Granddaughters
2. Paternal Grandmother
3. Mother
4. Wife
5. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two GDs	$\frac{2^*}{3}$
[ZF]	PGM	(No share due to Father)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to GD)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} GD & + & GD & + & M & + & W & + & F \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{6} \end{array}$$

$$\frac{8 + 8 + 4 + 3 + 4}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

8 Parts will go to 1st Granddaughter.

8 Parts will go to 2nd Granddaughter.

4 Parts will go to Mother.

3 Parts will go to Wife.

4 Parts will go to Father.

QUESTION - 40

Distribute Inheritance among following Inheritors:

1. Two Granddaughters
2. Paternal Grandmother
3. Maternal Grandmother
4. Mother
5. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Granddaughters	$\frac{2^*}{3}$
[ZF]	PGM	(No share due to Father)
[ZF]	MGM	(No share due to Mother)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to GD)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\text{GD} + \text{GD} + \text{M} + \text{F}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{6}$$

$$\frac{2 + 2 + 1 + 1}{6} = \frac{6}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{6}{6} = 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 6 parts.

2 Parts will go to 1st Granddaughter.
2 Parts will go to 2nd Granddaughter.
1 Part will go to Mother.
1 Part will go to Father.

QUESTION - 41

Distribute Inheritance among following Inheritors:

1. Father
2. Two Granddaughters
3. Maternal Grandmother
4. Paternal Grandmother
5. Mother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to GD)
[ZF]	Two Granddaughters	$\frac{2^*}{3}$
[ZF]	MGM	(No share due to Mother)
[ZF]	PGM	(No share due to Father)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{cccccccccc} F & + & GD & + & GD & + & M & + & H \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \multicolumn{9}{c}{\frac{2 + 4 + 4 + 2 + 3}{12}} & = & \frac{15}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Father.

4 Parts will go to 1st Granddaughter.

4 Parts will go to 2nd Granddaughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 42

Distribute Inheritance among following Inheritors:

1. Granddaughter
2. Daughter
3. Father

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Granddaughter $\frac{1}{6}$ (due to Daughter)

[ZF] Daughter $\frac{1}{2}$

[ZF]+[A-B-N] Father $\frac{1}{6}$ + R (due to Daughter)

Step - 2 : Total share of ZF

GD + D + F

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{6}$$

$$\frac{1 + 3 + 1}{6} = \frac{5}{6}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{6}$$

$$= \frac{6 - 5}{6} = \frac{1}{6}$$

b) Total Share of Father $= ZF + R$

$= \frac{1}{6} + \frac{1}{6}$

$= \frac{1 + 1}{6} = \frac{2}{6} = \frac{1}{3}$

Step - 4 : <u>Total shares of all Inheritors</u>

$GD + D + F$

$\frac{1}{6} + \frac{1}{2} + \frac{1}{3}$

$\frac{1 + 3 + 2}{6} = \frac{6}{6}$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Granddaughter.

3 Parts will go to Daughter.

2 Parts will go to Father.

QUESTION - 43

Distribute Inheritance among following Inheritors:

1. Granddaughter
2. Two Daughters
3. Father
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Granddaughter (No share due to two Daughters)

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF]+[A-B-N] Father $\frac{1}{6}$ + R (due to D and GD)

[ZF] Wife $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$D + D + F + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{8 + 8 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) =Whole –Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Total Share of Father

$$= \text{ZF} + \text{R}$$

$$= \frac{1}{6} + \frac{1}{24}$$

$$= \frac{4 + 1}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$\text{D} + \text{D} + \text{F} + \text{W}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{5}{24} + \frac{1}{8}$$

$$\frac{8 + 8 + 5 + 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

5 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 44

Distribute Inheritance among following Inheritors:

1. Granddaughter
2. Daughter
3. Mother
4. Father
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Granddaughter $\frac{1}{6}$ (due to Daughter)

[ZF] Daughter $\frac{1}{2}$

[ZF] Mother $\frac{1}{6}$ (due to Kids)

[ZF]+[A-B-N] Father $\frac{1}{6}$ +R (due to Daughter)

[ZF] Husband $\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

$$GD + D + M + F + H$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 6 + 2 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Part will go to Granddaughter.

6 Parts will go to Daughter.

2 Parts will go to Mother.

2 Parts will go to Father.

3 Parts will go to Husband.

QUESTION - 45

Distribute Inheritance among following Inheritors:

1. Granddaughter
2. Two Daughters
3. Mother
4. Father
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Granddaughter $\frac{1}{6}$ (No share due to two Daughters)

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] Mother $\frac{1}{6}$ (due to Kids)

[ZF]+[A-B-N] Father $\frac{1}{6}$ +R (due to Daughter)

[ZF] Wife $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccccccccc} D & + & D & + & M & + & F & + & W \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{8 + 8 + 4 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

8 Parts will go to 1st Daughter.
8 Parts will go to 2nd Daughter.
4 Parts will go to Mother.
4 Parts will go to Father.
3 Parts will go to Wife.

QUESTION - 46

Distribute Inheritance among following Inheritors:

1. Father
2. Daughter
3. Granddaughter
4. Paternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N] Father — $\frac{1}{6}$ + R (due to Daughter)

[ZF] Daughter — $\frac{1}{2}$

[ZF] Granddaughter — $\frac{1}{6}$ (due to Daughter)

[ZF] PGM — (No share due to Father)

[ZF] Husband — $\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} F & + & D & + & GD & + & H \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 6 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Father.

6 Parts will go to Daughter.

2 Parts will go to Granddaughter.

3 Parts will go to Husband.

QUESTION - 47

Distribute Inheritance among following Inheritors:

1. Father
2. Two Daughters
3. Granddaughter
4. Paternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N] Father $\frac{1}{6}$ + R (due to Daughter)

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] Granddaughter (No share due to two Daughters)

[ZF] PGM (No share due to Father)

[ZF] Wife $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} F & + & D & + & D & + & W \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{8} \end{array}$$

$$\frac{4 + 8 + 8 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R)=Whole –Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Total Share of Father

$$= \quad ZF \quad + \quad R$$

$$= \quad \frac{1}{6} \quad + \quad \frac{1}{24}$$

$$= \quad \frac{4 \quad + \quad 1}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$F \quad + \quad D \quad + \quad D \quad + \quad W$$

$$\frac{5}{24} + \frac{1}{3} + \frac{1}{3} + \frac{1}{8}$$

$$\frac{5 \quad + \quad 8 \quad + \quad 8 \quad + \quad 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

5 Parts will go to Father.

8 Parts will go to 1st Daughter

8 Parts will go to 2nd Daughter.

3 Parts will go to Wife.

QUESTION - 48

Distribute Inheritance among following Inheritors:

1. Father
2. Daughter
3. Granddaughter
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Granddaughter	$\frac{1}{6}$ (due to Daughter)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} F & + & D & + & GD & + & MGM & + & Wife \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{4 + 12 + 4 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

- 4 Parts will go to Father.
- 12 Parts will go to Daughter.
- 4 Parts will go to Granddaughter.
- 4 Parts will go to Maternal Grandmother.
- 3 Parts will go to Wife.

QUESTION - 49

Distribute Inheritance among following Inheritors:

1. Father
2. Daughter
3. Granddaughter
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Granddaughter	$\frac{1}{6}$ (due to Daughter)
[ZF]	PGM	(No share due to Father)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccccccccc} F & + & D & + & GD & + & MGM & + & H \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 6 + 2 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Father.
6 Parts will go to Daughter.
2 Parts will go to Granddaughter.
2 Parts will go to Maternal Grandmother.
3 Parts will go to Husband.

QUESTION - 50

Distribute Inheritance among following Inheritors:

1. Father
2. Two Daughters
3. Granddaughter
4. Mother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N] Father — $\frac{1}{6}$ + R (due to Daughter)

[ZF] Two Daughters — $\frac{2^*}{3}$

[ZF] Granddaughter — (No share due to two Daughters)

[ZF] Mother — $\frac{1}{6}$ (due to Kids)

[ZF] MGM — (No share due to Mother)

[ZF] Husband — $\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} F & + & D & + & D & + & M & + & H \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 4 + 4 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Father.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 51

Distribute Inheritance among following Inheritors:

1. Father
2. Two Daughters
3. Granddaughter
4. Mother
5. Paternal Grandmother
6. Maternal Grandmother
7. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	PGM	(No share due to Father)
[ZF]	MGM	(No share due to Mother)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{matrix} F & + & D & + & D & + & M & + & W \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{8} \end{matrix}$$

$$\frac{4 + 8 + 8 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

4 Parts will go to Father.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

4 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 52

Distribute Inheritance between following Inheritors:

1. Son
2. Father

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Son	R	
[ZF]	Father	$\frac{1}{6}$	(due to Son)

Step - 2 : Total share of ZF

Father = $\frac{1}{6}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{6}$$

$$= \frac{6 - 1}{6} = \frac{5}{6}$$

Step - 4 : Total shares of all Inheritors

S + F

$$\frac{5}{6} + \frac{1}{6}$$

$$\frac{5 + 1}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

5 Parts will go to Son.

1 Part will go to Father.

QUESTION - 53

Distribute Inheritance among following Inheritors:

1. Son
2. Father
3. Wife
4. Mother

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Son	R	
[ZF]	Father	$\frac{1}{6}$	(due to Son)
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{matrix} F & + & W & + & M \\ \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{6} \end{matrix}$$

$$\frac{4 + 3 + 4}{24} = \frac{11}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{24}$$

$$= \frac{24 - 11}{24} = \frac{13}{24}$$

Step - 4 : Total shares of all Inheritors

$$\begin{matrix} S & + & F & + & W & + & M \\ \frac{13}{24} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{6} \end{matrix}$$

$$\frac{13 + 4 + 3 + 4}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

13 Parts will go to Son.

4 Parts will go to Father.

3 Parts will go to Wife.

4 Parts will go to Mother.

QUESTION - 54

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Father
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son Daughter	R
[ZF]	Father	$\frac{1}{6}$ (due to Son)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} F & + & W \\ \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{4 + 3}{24} = \frac{7}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{24}$$

$$= \frac{24 - 7}{24} = \frac{17}{24}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son = R x $\frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{2}{3} = \frac{17}{36}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{17}{24} \times \frac{1}{3} = \frac{17}{72}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$S + D + F + W$$

$$\frac{17}{36} + \frac{17}{72} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{34 + 17 + 12 + 9}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

34 Parts will go to Son.

17 Parts will go to Daughter.

12 Parts will go to Father.

9 Parts will go to Wife.

QUESTION - 55

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Mother
4. Father
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Son, Daughter	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Father	$\frac{1}{6}$ (due to Son)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

M + F + H

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

$$S + D = 2 + 1 = 3$$

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{2}{3} = \frac{5}{18}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{1}{3} = \frac{5}{36}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccccccc} S & + & D & + & M & + & F & + & H \\ \frac{5}{18} & + & \frac{5}{36} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{10 + 5 + 6 + 6 + 9}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

10 Parts will go to Son.

5 Parts will go to Daughter.

6 Parts will go to Mother.

6 Parts will go to Father.

9 Parts will go to Husband.

QUESTION - 56

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Father
4. Maternal Grandmother
5. Paternal Grandmother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{Son, Daughter}	R
[ZF]	Father	$\frac{1}{6}$ (due to Son)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	PGM	(No share due to Father)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

F + MGM + W

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{4 + 4 + 3}{24} = \frac{11}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{24}$$

$$= \frac{24 - 11}{24} = \frac{13}{24}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{13}{24} \times \frac{2}{3} = \frac{13}{36}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{13}{24} \times \frac{1}{3} = \frac{13}{72}$$

Step - 4 : Total shares of all Inheritors

$$\underset{\frac{13}{36}}{S} + \underset{\frac{13}{72}}{D} + \underset{\frac{1}{6}}{F} + \underset{\frac{1}{6}}{MGM} + \underset{\frac{1}{8}}{W}$$

$$\frac{26 + 13 + 12 + 12 + 9}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

26 Parts will go to Son.

13 Parts will go to Daughter.

12 Parts will go to Father.

12 Parts will go to MGM.

9 Parts will go to Wife.

QUESTION - 57

Distribute Inheritance among following Inheritors:

1. Son
2. Daughter
3. Mother
4. Father
5. Paternal Grandmother
6. Maternal Grandmother
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{Son, Daughter}	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Father	$\frac{1}{6}$ (due to Son)
[ZF]	PGM	(No share due to Father)
[ZF]	MGM	(No share due to Mother)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

$$M + F + H$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

b) Ratio between Son and Daughter

$$S : D = 2 : 1$$

c) Addition of Ratios of Son and Daughter

$$S + D = 2 + 1 = 3$$

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{2}{3} = \frac{5}{18}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{1}{3} = \frac{5}{36}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$S + D + M + F + H$$

$$\frac{5}{18} + \frac{5}{36} + \frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{10 + 5 + 6 + 6 + 9}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

10 Parts will go to Son.

5 Parts will go to Daughter.

6 Parts will go to Mother.

6 Parts will go to Father.

9 Parts will go to Husband.

QUESTION - 58

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Father

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Grandson, Granddaughter } R

[ZF] Father $\frac{1}{6}$ (due to Grandson)

Step - 2 : Total share of ZF

Father = $\frac{1}{6}$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for GS and GD (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{6}$$

$$= \frac{6 - 1}{6} = \frac{5}{6}$$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$$= \frac{5}{6} \times \frac{2}{3} = \frac{5}{9}$$

e) Share of GD $= R \times \frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$$= \frac{5}{6} \times \frac{1}{3} = \frac{5}{18}$$

Step - 4 : Total shares of all Inheritors

$$GS + GD + F$$

$$\frac{5}{9} + \frac{5}{18} + \frac{1}{6}$$

$$\frac{10 + 5 + 3}{18} = \frac{18}{18}$$

Calculation Summary

Total Inheritance will be divided into 18 parts.

10 Parts will go to Grandson.

5 Parts will go to Granddaughter.

3 Parts will go to Father.

QUESTION - 59

Distribute Inheritance among following Inheritors:

1. Grandson
2. Mother
3. Father
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Grandson	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Father	$\frac{1}{6}$ (due to Grandson)
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$M + F + w$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{4 + 4 + 3}{24} = \frac{11}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for GS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{24}$$

$$= \frac{24 - 11}{24} = \frac{13}{24}$$

Step - 4 : Total shares of all Inheritors

$$GS + M + F + W$$

$$\frac{13}{24} + \frac{1}{6} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{13 + 4 + 4 + 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

13 Parts will go to Grandson.

4 Parts will go to Mother.

4 Parts will go to Father.

3 Parts will go to Wife

QUESTION - 60

Distribute Inheritance among following Inheritors:

1. Grandson
2. Daughter
3. Mother
4. Father
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Grandson	R	
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Father	$\frac{1}{6}$	(due to Grandson)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & M & + & F & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 2 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Grandson (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Daughter.
2 Parts will go to Mother.
2 Parts will go to Father.
3 Parts will go to Husband.

QUESTION - 61

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Daughter
4. Mother
5. Father
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{Grandson, Granddaughter} R	
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Father	$\frac{1}{6}$ (due to Grandson)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & M & + & F & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for GS and GD (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Ratio between Grandson and Granddaughter

GS : GD = 2 : 1

c) Addition of Ratios of Grandson and Granddaughter

GS + GD = 2 + 1 = 3

d) Share of GS $= R \times \frac{\text{Ratio of GS}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{24} \times \frac{2}{3} = \frac{1}{36}$

e) Share of GD $= R \times \frac{\text{Ratio of GD}}{\text{Addition of Ratios of GS and GD}}$

$= \frac{1}{24} \times \frac{1}{3} = \frac{1}{72}$

Step - 4 : <u>Total shares of all Inheritors</u>

GS	+ GD	+ D	+ M	+ F	+ W
$\frac{1}{36}$	+ $\frac{1}{72}$	+ $\frac{1}{2}$	+ $\frac{1}{6}$	+ $\frac{1}{6}$	+ $\frac{1}{8}$

$$\frac{2 + 1 + 36 + 12 + 12 + 9}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

2 Parts will go to Grandson.

1 Part will go to Granddaughter.

36 Parts will go to Daughter.

12 Parts will go to Mother.

12 Parts will go to Father.

9 Parts will go to Wife.

QUESTION - 62

Distribute Inheritance among following Inheritors:

1. Grandson
2. Two Daughters
3. Mother
4. Father
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Grandson	R	
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Father	$\frac{1}{6}$	(due to Grandson)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2: <u>Total share of ZF</u>

$$\begin{array}{ccccccccccc} D & + & D & + & M & + & F & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Grandson (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

2 Parts will go to Father.

3 Parts will go to Husband.

QUESTION - 63

Distribute Inheritance among following Inheritors:

1. Grandson
2. Granddaughter
3. Two Daughters
4. Mother
5. Father
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Grandson Granddaughter	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Father	$\frac{1}{6}$ (due to GS)
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\frac{D + D + M + F + W}{\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{6} + \frac{1}{8}}$$

$$\frac{8 + 8 + 4 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Grandson and Granddaughter (A-B-G).

Calculation Summary

Total Inheritance will be divided into 27 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

4 Parts will go to Mother.

4 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 64

Distribute Inheritance between following Inheritors:

1. Paternal Grandfather
2. Paternal Grandmother

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	PGF	R (due to no Kid)
[ZF]	PGM	$\frac{1}{6}$

Step - 2 : Total share of ZF

$$\text{PGM} = \frac{1}{6}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

$$\text{Share of PGF (R)} = \text{Whole} - \text{Total Share of ZF}$$

$$= 1 - \frac{1}{6}$$

$$= \frac{6 - 1}{6} = \frac{5}{6}$$

Step - 4 : Total shares of all Inheritors

PGF + PGM

$$\frac{5}{6} + \frac{1}{6}$$

$$\frac{5 + 1}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

5 Parts will go to PGF.

1 Part will go to PGM.

QUESTION - 65

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Paternal Grandmother
3. Maternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	PGF	R	(due to no Kid)
[ZF]	PGM	$\frac{1}{6}$*	
[ZF]	MGM		
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGM + MGM + Wife

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{1 + 1 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PGF (R)= Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : Total shares of all Inheritors

PGF + PGM + MGM + W

$$\frac{7}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{7 + 1 + 1 + 3}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

7 Parts will go to PGF.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

QUESTION - 66

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Daughter
3. Paternal Grandmother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF] + [A-B-N]	PGF	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$\text{PGF} + \text{D} + \text{PGM} + \text{H}$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 6 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Grandfather (A-B-N).

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to PGF.
6 Parts will go to Daughter.
2 Parts will go to PGM.
3 Parts will go to Husband.

QUESTION - 67

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Two Daughters
3. Maternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N] PGF $\frac{1}{6}$ + R (due to Daughter)

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] MGM $\frac{1}{6}$

[ZF] Wife $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\text{PGF} + \text{D} + \text{D} + \text{MGM} + \text{W}$$

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{4 + 8 + 8 + 4 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Paternal Grandfather (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

4 Parts will go to PGF.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

4 Parts will go to MGM.

3 Parts will go to Wife.

QUESTION - 68

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Two Daughters
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N] PGF $\frac{1}{6}$ + R (due to Daughter)

[ZF] Two Daughters $\frac{2^*}{3}$

[ZF] PGM
[ZF] MGM } $\frac{1^{**}}{6}$

[ZF] Wife $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGF + D + D + PGM + MGM + W

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{12} + \frac{1}{12} + \frac{1}{8}$$

$$\frac{4 + 8 + 8 + 2 + 2 + 3}{24} = \frac{27}{24}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{27}{24} > 1$

☞ It means nothing left (R=0) for Paternal Grandfather (A-B-N).

Calculation Summary

Total Inheritance will be divided into 27 parts.

4 Parts will go to PGF.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

2 Parts will go to PGM.

2 Parts will go to MGM.

3 Parts will go to Wife.

QUESTION - 69

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Daughter
3. Son
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[A-B-G]	Daughter Son	R	
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

Step - 2 : Total share of ZF

PGF + W

$$\frac{1}{6} + \frac{1}{8}$$

$$\frac{4 + 3}{24} = \frac{7}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share of Son and Daughter (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{24}$$

$$= \frac{24 - 7}{24} = \frac{17}{24}$$

b) Ratio between Son and Daughter

S + D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$= \frac{17}{24} \times \frac{2}{3} = \frac{17}{36}$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$= \frac{17}{24} \times \frac{1}{3} = \frac{17}{72}$

Step - 4 : <u>Total shares of all Inheritors</u>

PGF + W + S + D

$\frac{1}{6} + \frac{1}{8} + \frac{17}{36} + \frac{17}{72}$

$\frac{12 + 9 + 34 + 17}{72} = \frac{72}{72}$

Calculation Summary

Total Inheritance will be divided into 72 parts.

12 Parts will go to PGF.

9 Parts will go to Wife.

34 Parts will go to Son.

17 Parts will go to Daughter.

QUESTION - 70

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Son
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[A-B-N]	Son	R	
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

PGF + M + H

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccccc} \text{PGF} & + & \text{S} & + & \text{M} & + & \text{H} & \\ \frac{1}{6} & + & \frac{5}{12} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \frac{2}{12} & + & \frac{5}{12} & + & \frac{2}{12} & + & \frac{3}{12} & = \frac{12}{12} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to PGF.

5 Parts will go to Son.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 71

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Paternal Grandmother
3. Maternal Grandmother
4. Son
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[ZF]	PGM	$\frac{1^*}{6}$	
[ZF]	MGM		
[A-B-N]	Son	R	
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGF + PGM + MGM + Wife

$$\frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{8}$$

$$\frac{4 + 2 + 2 + 3}{24} = \frac{11}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

share of Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{24}$$

$$= \frac{24 - 11}{24} = \frac{13}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} \text{PGF} & + & \text{PGM} & + & \text{MGM} & + & \text{W} & + & \text{S} \\ \frac{1}{6} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{8} & + & \frac{13}{24} \end{array}$$

$$\frac{4 + 2 + 2 + 3 + 13}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

- 4 Parts will go to PGF.
- 2 Parts will go to PGM.
- 2 Parts will go to MGM.
- 3 Parts will go to Wife.
- 13 Parts will go to Son.

QUESTION - 72

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Paternal Grandmother
3. Mother
4. Son

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[ZF]	PGM		(No share due to Mother)
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[A-B-N]	Son	R	

Step - 2 : Total share of ZF

PGF + M

$$\frac{1}{6} + \frac{1}{6}$$

$$\frac{1 + 1}{6} = \frac{2}{6} = \frac{1}{3}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{3}$$

$$= \frac{3 - 1}{3} = \frac{2}{3}$$

Step - 4 : Total shares of all Inheritors

PGF + M + S

$$\frac{1}{6} + \frac{1}{6} + \frac{2}{3}$$

$$\frac{1 + 1 + 4}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to PGF.

1 Part will go to Mother.

4 Parts will go to Son.

QUESTION - 73

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Maternal Grandmother
3. Mother
4. Son
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[ZF]	MGM		(No share due to Mother)
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[A-B-N]	Son	R	
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)

Step - 2 : Total share of ZF

PGF	+	M	+	W
$\frac{1}{6}$	+	$\frac{1}{6}$	+	$\frac{1}{8}$
$\frac{4}{24}$	+	$\frac{4}{24}$	+	$\frac{3}{24}$ = $\frac{11}{24}$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for Son (R) = Whole –Total Share of ZF

$$= 1 - \frac{11}{24}$$

$$= \frac{24 - 11}{24} = \frac{13}{24}$$

Step - 4 : Total shares of all Inheritors

PGF	+	M	+	W	+	S
$\frac{1}{6}$	+	$\frac{1}{6}$	+	$\frac{1}{8}$	+	$\frac{13}{24}$
$\frac{4}{24}$	+	$\frac{4}{24}$	+	$\frac{3}{24}$	+	$\frac{13}{24}$ = $\frac{24}{24}$

Calculation Summary

Total Inheritance will be divided into 24 parts.

4 Parts will go to PGF.

4 Parts will go to Mother.

3 Parts will go to Wife.

13 Parts will go to Son.

QUESTION - 74

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Paternal Grandmother
3. Maternal Grandmother
4. Mother
5. Son
6. Daughter
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	PGF	$\frac{1}{6}$	(due to Son)
[ZF]	PGM	}	(No share due to Mother)
[ZF]	MGM	}	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[A-B-G]	Son	} R	
	Daughter	}	
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccccccc} \text{PGF} & + & \text{M} & + & \text{H} & & \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} & & \\ \frac{2}{12} & + & \frac{2}{12} & + & \frac{3}{12} & = & \frac{7}{12} \end{array}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for Son and Daughter (R) = Whole –Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

b) Ratio between Son and Daughter

S : D = 2 : 1

c) Addition of Ratios of Son and Daughter

S + D = 2 + 1 = 3

d) Share of Son $= R \times \frac{\text{Ratio of Son}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{2}{3} = \frac{5}{18}$$

e) Share of Daughter $= R \times \frac{\text{Ratio of Daughter}}{\text{Addition of Ratios of Son and Daughter}}$

$$= \frac{5}{12} \times \frac{1}{3} = \frac{5}{36}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccccccccc} \text{PGF} & + & \text{M} & + & \text{H} & + & \text{S} & + & \text{D} \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{5}{18} & + & \frac{5}{36} \\ \multicolumn{9}{c}{\dfrac{6 + 6 + 9 + 10 + 5}{36}} & = & \dfrac{36}{36} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

6 Parts will go to PGF.

6 Parts will go to Mother.

9 Parts will go to Husband.

10 Parts will go to Son.

5 Parts will go to Daughter.

QUESTION - 75

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Daughter
3. Paternal Grandmother
4. Maternal Grandmother
5. Mother
6. Father
7. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	PGF	(No share due to Father)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	PGM	(No share due to Father and Mother)
[ZF]	MGM	(No share due to Mother)
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$D + M + F + W$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{12 + 4 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

(a) Share left for Father (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

b) Total Share of Father

$$= ZF + R$$

$$= \frac{1}{6} + \frac{1}{24}$$

$$= \frac{4 + 1}{24} = \frac{5}{24}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$D + M + F + W$$

$$\frac{1}{2} + \frac{1}{6} + \frac{5}{24} + \frac{1}{8}$$

$$\frac{12 + 4 + 5 + 3}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

12 Parts will go to Daughter.

4 Parts will go to Mother.

5 Parts will go to Father.

3 Parts will go to Wife.

QUESTION - 76

Distribute Inheritance among following Inheritors:

1. Paternal Grandfather
2. Two Daughters
3. Paternal Grandmother
4. Maternal Grandmother
5. Mother
6. Father
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]+[A-B-N]	PGF	(No share due to Father)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	PGM	(No share due to Father and Mother)
[ZF]	MGM	(No share due to Mother)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]+[A-B-N]	Father	$\frac{1}{6}$ + R (due to Daughter)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{ccccccccc} D & + & D & + & M & + & F & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \\ \multicolumn{9}{c}{\frac{4 + 4 + 2 + 2 + 3}{12} = \frac{15}{12}} \end{array}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Father (A-B-N).

Calculation Summary

Total Inheritance will be divided into 15 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

2 Parts will go to Father.

3 Parts will go to Husband.

QUESTION - 77

Distribute Inheritance between following Inheritors:

1. Real Brother
2. Real Sister

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G] { Real Brother, Real Sister }

Step - 2 : Share of ASABA-BI-GHAIRIHI

a) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

b) Addition of Ratios of Real Brother and Real Sister

RB : RS = 2 + 1 = 3

c) Share of RB = Whole x $\frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

= 1 x $\frac{2}{3} = \frac{2}{3}$

d) Share of RS = Whole x $\frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$= 1 \times \frac{1}{3} = \frac{1}{3}$

Step - 3 : <u>Total shares of all Inheritance</u>

RB + RS

$\frac{2}{3} + \frac{1}{3}$

$\frac{2 + 1}{3} = \frac{3}{3}$

Calculation Summary

Total Inheritance will be divided into 3 parts.

2 Parts will go to Real Brother.

1 Part will go to Real Sister.

QUESTION - 78

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Mother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Real Brother	R
[ZF]	Mother	$\frac{1}{3}$ (due to one RB)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} M & + & W \\ \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of RB (R) = Whole –Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccc} M & + & W & + & RB \\ \frac{1}{3} & + & \frac{1}{4} & + & \frac{5}{12} \end{array}$$

$$\frac{4 + 3 + 5}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

4 Parts will go to Mother.

3 Parts will go to Wife.

5 Parts will go to Real Brother.

QUESTION - 79

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to RB and RS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} M & + & H \\ \frac{1}{6} & + & \frac{1}{2} \end{array}$$

$$\frac{1 + 3}{6} = \frac{4}{6} = \frac{2}{3}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{2}{3}$$

$$= \frac{3 - 2}{3} = \frac{1}{3}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$$

Step - 4 : Total shares of all Inheritors

RB	+	RS	+	M	+	H
$\frac{2}{9}$	+	$\frac{1}{9}$	+	$\frac{1}{6}$	+	$\frac{1}{2}$

$$\frac{4 + 2 + 3 + 9}{18} = \frac{18}{18}$$

Calculation Summary

Total Inheritance will be divided into 18 parts.

4 Parts will go to Real Brother.
2 Parts will go to Real Sister.
3 Parts will go to Mother.
9 Parts will go to Husband.

QUESTION - 80

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Daughter
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Real Brother	R
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} D & + & W \\ \frac{1}{2} & + & \frac{1}{8} \\ \frac{4}{8} & + & \frac{1}{8} = \frac{5}{8} \end{array}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of RB (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{8}$$

$$= \frac{8 - 5}{8} = \frac{3}{8}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccc} D & + & W & + & RB \\ \frac{1}{2} & + & \frac{1}{8} & + & \frac{3}{8} \\ \frac{4}{8} & + & \frac{1}{8} & + & \frac{3}{8} = \frac{8}{8} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

4 Parts will go to Daughter.

1 Part will go to Wife.

3 Parts will go to Real Brother.

QUESTION - 81

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Daughter
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} D & + & H \\ \frac{1}{2} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 1}{4} = \frac{3}{4}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{3}{4}$$

$$= \frac{4 - 3}{4} = \frac{1}{4}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{4} \times \frac{2}{3} = \frac{1}{6}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccccc} D & + & H & + & RB & + & RS & \\ \frac{1}{2} & + & \frac{1}{4} & + & \frac{1}{6} & + & \frac{1}{12} & \\ \frac{6}{12} & + & \frac{3}{12} & + & \frac{2}{12} & + & \frac{1}{12} & = \frac{12}{12} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

6 Parts will go to Daughter.

3 Parts will go to Husband.

2 Parts will go to Real Brother.

1 Part will go to Real Sister.

QUESTION - 82

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Two Daughters
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother / Real Sister	R
[ZF]	Two Daughters	$\frac{2}{3}$*
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & D & + & W \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{8} \end{array}$$

$$\frac{8 + 8 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

$$\text{d) Share of RB} = R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$$

$$= \frac{5}{24} \times \frac{2}{3} = \frac{5}{36}$$

$$\text{e) Share of RS} = R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$$

$$= \frac{5}{24} \times \frac{1}{3} = \frac{5}{72}$$

Step - 4 : <u>Total shares of all Inheritors</u>

$$\begin{array}{ccccccccccc} D & + & D & + & W & + & RB & + & RS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{8} & + & \frac{5}{36} & + & \frac{5}{72} \end{array}$$

$$\frac{24 + 24 + 9 + 10 + 5}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

24 Parts will go to 1st Daughter.

24 Parts will go to 2nd Daughter.

9 Parts will go to Wife.

10 Parts will go to Real Brother.

5 Parts will go to Real Sister.

QUESTION - 83

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Two Granddaughters
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R	
[ZF]	Two Granddaughters	$\frac{2^*}{3}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccc} GD & + & GD & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$

Step - 4 : <u>Total shares of all Inheritors</u>

GD	+	GD	+	H	+	RB	+	RS
$\frac{1}{3}$	+	$\frac{1}{3}$	+	$\frac{1}{4}$	+	$\frac{1}{18}$	+	$\frac{1}{36}$
12	+	12	+	9	+	2	+	1

$$\frac{12 + 12 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

12 Parts will go to 1st Granddaughter.

12 Parts will go to 2nd Granddaughter.

9 Parts will go to Husband.

2 Parts will go to Real Brother.

1 Parts will go to Real Sister.

QUESTION - 84

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Paternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

PGM + W

$$\frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$$

Step - 4 : Total shares of all Inheritors

$$\text{PGM} + \text{W} + \text{RB} + \text{RS}$$

$$\frac{1}{6} + \frac{1}{4} + \frac{7}{18} + \frac{7}{36}$$

$$\frac{6 + 9 + 14 + 7}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

6 Parts will go to PGM.

9 Parts will go to Wife.

14 Parts will go to Real Brother.

7 Parts will go to Real Sister.

QUESTION - 85

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Maternal Grandmother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Real Brother	R
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

MGM + Wife

$$\frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Real Brother (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : Total shares of all Inheritors

MGM + W + RB

$$\frac{1}{6} + \frac{1}{4} + \frac{7}{12}$$

$$\frac{2 + 3 + 7}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to MGM.

3 Parts will go to Wife.

7 Parts will go to Real Brother.

QUESTION - 86

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Maternal Grandmother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R	
[ZF]	MGM	$\frac{1}{6}$	
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

MGM + H

$$\frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 3}{6} = \frac{4}{6} = \frac{2}{3}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{2}{3}$$

$$= \frac{3 - 2}{3} = \frac{1}{3}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

$$\text{d) Share of RB} = R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$$

$$= \frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$$

$$\text{e) Share of RS} = R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$$

$$= \frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$$

Step - 4 : <u>Total shares of all Inheritors</u>

MGM + H + RB + RS

$$\frac{1}{6} + \frac{1}{2} + \frac{2}{9} + \frac{1}{9}$$

$$\frac{3 + 9 + 4 + 2}{18} = \frac{18}{18}$$

Calculation Summary

Total Inheritance will be divided into 18 parts.

3 Parts will go to MGM.

9 Parts will go to Husband.

4 Parts will go to Real Brother.

2 Parts will go to Real Sister.

QUESTION - 87

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother, Real Sister	R
[ZF]	PGM	$\frac{1}{6}$*
[ZF]	MGM	$\frac{1}{6}$*
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGM + MGM + W

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{1 + 1 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB = R x $\frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$$

e) Share of RS = R x $\frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$$

Step - 4 : Total shares of all Inheritors

PGM + MGM + W + RB + RS

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{4} + \frac{7}{18} + \frac{7}{36}$$

$$\frac{3 + 3 + 9 + 14 + 7}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

3 Parts will go to PGM.

3 Parts will go to MGM.

9 Parts will go to Wife.

14 Parts will go to Real Brother.

7 Parts will go to Real Sister.

QUESTION - 88

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Two Daughters
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{ Real Brother, Real Sister }	R	
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{cccccccc} D & + & D & + & M & + & H & \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \frac{4}{12} & + & \frac{4}{12} & + & \frac{2}{12} & + & \frac{3}{12} & = \frac{13}{12} \end{array}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Real Brother and Real Sister (A-B-G).

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 89

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Granddaughter
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R	
[ZF]	Granddaughter	$\frac{1}{2}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccccccc} GD & + & M & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{8} \\ \frac{12}{24} & + & \frac{4}{24} & + & \frac{3}{24} & = & \frac{19}{24} \end{array}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB = R x $\frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{5}{24} \times \frac{2}{3} = \frac{5}{36}$$

e) Share of RS = R x $\frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{5}{24} \times \frac{1}{3} = \frac{5}{72}$$

Step - 4 : Total shares of all Inheritors

GD	+	M	+	W	+	RB	+	RS
$\frac{1}{2}$	+	$\frac{1}{6}$	+	$\frac{1}{8}$	+	$\frac{5}{36}$	+	$\frac{5}{72}$

$$\frac{36 + 12 + 9 + 10 + 5}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

36 Parts will go to Granddaughter.

12 Parts will go to Mother.

9 Parts will go to Wife.

10 Parts will go to Real Brother.

5 Parts will go to Real Sister.

QUESTION - 90

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Daughter
4. Granddaughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother Real Sister	R	
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Granddaughter	$\frac{1}{6}$	(due to Daughter)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & GD & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

(a) Share left for RB and RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccccccccc} D & + & GD & + & H & + & RB & + & RS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{1}{18} & + & \frac{1}{36} & & \end{array}$$

$$\frac{18 + 6 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

18 Parts will go to Daughter.

6 Parts will go to Granddaughter.

9 Parts will go to Husband.

2 Parts will go to Real Brother.

1 Part will go to Real Sister.

QUESTION - 91

Distribute Inheritance among following Inheritors:

1. Real Brother
2. Real Sister
3. Two Daughters
4. Granddaughter
5. Mother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Real Brother / Real Sister	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$D + D + M + H$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Real Brother and Real Sister (A-B-G) .

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 92

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Two Real Sisters $\frac{2^*}{3}$

[ZF] Husband $\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} RS & + & RS & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{2} \end{array}$$

$$\frac{2 + 2 + 3}{6} = \frac{7}{6}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{7}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 7 parts.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

3 Parts will go to Husband.

QUESTION - 93

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Mother
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to two RS)
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\text{RS} + \text{RS} + \text{M} + \text{H}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{2 + 2 + 1 + 3}{6} = \frac{8}{6}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{8}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 8 parts.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 94

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Daughter
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Wife	$\frac{1}{8}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccc} D & + & W \\ \frac{1}{2} & + & \frac{1}{8} \end{array}$$

$$\frac{4 + 1}{8} = \frac{5}{8}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{5}{8}$$

$$= \frac{8 - 5}{8} = \frac{3}{8}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccc} D & + & W & + & RS \\ \frac{1}{2} & + & \frac{1}{8} & + & \frac{3}{8} \end{array}$$

$$\frac{4 + 1 + 3}{8} = \frac{8}{8}$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

4 Parts will go to Daughter.

1 Part will go to Wife.

3 Parts will go to Real Sister.

QUESTION - 95

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Two Daughters
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R	(due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & D & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of two Real Sisters (R) = Whole –Total Share of ZF

$$= \quad 1 \; - \; \frac{11}{12}$$

$$= \quad \frac{12 \; - \; 11}{12} = \frac{1}{12}$$

☞ Calculated share for two Real Sisters is $\frac{1}{12}$; therefore share of each will be

$$\frac{1}{12} \; x \; \frac{1}{2} = \frac{1}{24}$$

Step - 4 : Total shares of all Inheritors

$$D + D + H + RS + RS$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4} + \frac{1}{24} + \frac{1}{24}$$

$$\frac{8 + 8 + 6 + 1 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

6 Parts will go to Husband.

1 Part will go to 1st Real Sister.

1 Part will go to 2nd Real Sister.

QUESTION - 96

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Two Granddaughters
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to GD)
[ZF]	Two Granddaughters	$\frac{2^*}{3}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} GD & + & GD & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of of RS (R) = Whole –Total Share of ZF

$$= \quad 1 \; - \; \frac{11}{12}$$

$$= \quad \frac{12 \; - \; 11}{12} = \frac{1}{12}$$

Step - 4 : Total shares of all Inheritors

$$\text{GD} + \text{GD} + \text{H} + \text{RS}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4} + \frac{1}{12}$$

$$\frac{4 + 4 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

4 Parts will go to 1st Granddaughter.

4 Parts will go to 2nd Granddaughter.

3 Parts will go to Husband.

1 Part will go to Real Sister.

QUESTION - 97

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Two Daughters
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R	(due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note: Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} > 1$

☞ It means nothing left (R=0) for two Real Sisters (A-M-G).

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 98

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Two Granddaughters
3. Mother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R	(due to GD)
[ZF]	Two Granddaughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & W \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{8 + 8 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole –Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & D & + & M & + & W & + & RS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{24} \end{array}$$

$$\frac{8 + 8 + 4 + 3 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

4 Parts will go to Mother.

3 Parts will go to Wife.

1 Part will go to Real Sister.

QUESTION - 99

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Daughter
3. Paternal Grandmother
4. Maternal Grandmother
5 Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	PGM MGM	$\frac{1*}{6}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & PGM & + & MGM & + & H \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 1 + 1 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of two Real Sisters (R) = Whole –Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Share of each Real Sister will be

$$\frac{1}{12} \times \frac{1}{2} = \frac{1}{24}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccccccc} D & + & PGM & + & MGM & + & H & + & RS & + & RS \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{4} & + & \frac{1}{24} & + & \frac{1}{24} \end{array}$$

$$\frac{12 + 2 + 2 + 6 + 1 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

- 12 Parts will go to Daughter.
- 2 Parts will go to PGM.
- 2 Parts will go to MGM.
- 6 Parts will go to Husband.
- 1 Part will go to 1st Real Sister.
- 1 Part will go to 2nd Real Sister.

QUESTION - 100

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Two Daughters
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R (due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	$\frac{1^{**}}{6}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} D & + & D & + & PGM & + & MGM & + & W \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{8} \end{array}$$

$$\frac{8 + 8 + 2 + 2 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of two RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Share of each Real Sister will be

$$\frac{1}{24} \times \frac{1}{2} = \frac{1}{48}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccccccc} D & + & D & + & PGM & + & MGM & + & W & + & RS & + & RS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{8} & + & \frac{1}{48} & + & \frac{1}{48} \end{array}$$

$$\frac{16 + 16 + 4 + 4 + 6 + 1 + 1}{48} = \frac{48}{48}$$

Calculation Summary

Total Inheritance will be divided into 48 parts.

16 Parts will go to each Daughter.

4 Parts will go to PGM.

4 Parts will go to MGM.

6 Parts will go to Wife.

1 Part will go to each Real Sister.

QUESTION - 101

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Daughter
3. Granddaughter
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Granddaughter	$\frac{1}{6}$	(due to Daughter)
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccc} D & + & GD & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of two RS (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{19}{24}$$

$$= \quad \frac{24 - 19}{24} = \frac{5}{24}$$

Share of each Real Sister will be

$$\frac{5}{24} \times \frac{1}{2} = \frac{5}{48}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & GD & + & W & + & RS & + & RS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{5}{48} & + & \frac{5}{48} \end{array}$$

$$\frac{24 + 8 + 6 + 5 + 5}{48} = \frac{48}{48}$$

Calculation Summary

Total Inheritance will be divided into 48 parts.

24 Parts will go to Daughter.

8 Parts will go to Granddaughter.

6 Parts will go to Wife.

5 Parts will go to each Real Sister.

QUESTION - 102

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Two Daughters
3. Granddaughter
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Real Sisters	R (due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & D & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of two RS (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{11}{12}$$

$$= \quad \frac{12 - 11}{12} = \frac{1}{12}$$

Share of each Real Sister will be

$$\frac{1}{12} \times \frac{1}{2} = \frac{1}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & D & + & H & + & RS & + & RS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} & + & \frac{1}{24} & + & \frac{1}{24} \end{array}$$

$$\frac{8 + 8 + 6 + 1 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

6 Parts will go to Husband.

1 Part will go to 1st Real Sister.

1 Part will go to 2nd Real Sister.

QUESTION - 103

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Daughter
3. Granddaughter
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Granddaughter	$\frac{1}{6}$	(due to Daughter)
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & GD & + & M & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole - Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & GD & + & M & + & W & + & RS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{24} \end{array}$$

$$\frac{12 + 4 + 4 + 3 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

12 Parts will go to Daughter.

4 Parts will go to Granddaughter.

4 Parts will go to Mother.

3 Parts will go to Wife.

1 Part will go to Real Sister.

QUESTION - 104

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Mother
3. Two Daughters
4. Granddaughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R (due to Daughter)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} M & + & D & + & D & + & H \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 4 + 4 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Real Sister [A-M-G].

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Mother.

4 Parts will go to 1st Daughter

4 Parts will go to 2nd Daughter.

3 Parts will go to Husband.

QUESTION - 105

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Mother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Paternal Brother Paternal Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to PB and PS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccc} M & + & W & \\ \frac{1}{6} & + & \frac{1}{4} & \\ \frac{2}{12} & + & \frac{3}{12} & = \frac{5}{12} \end{array}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$$

e) Share of PS = R x $\frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$

Step - 4: Total shares of all Inheritors

$$\frac{M + W + PB + PS}{\frac{1}{6} + \frac{1}{4} + \frac{7}{18} + \frac{7}{36}}$$

$$\frac{6 + 9 + 14 + 7}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

6 Parts will go to Mother.

9 Parts will go to Wife.

14 Parts will go to Paternal Brother.

7 Parts will go to Paternal Sister.

QUESTION - 106

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{ Paternal Brother, Paternal Sister }	R
[ZF]	Mother	$\frac{1}{6}$ (due to PB and PS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

M + H

$$\frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 3}{6} = \frac{4}{6} = \frac{2}{3}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{2}{3}$$

$$= \frac{3 - 2}{3} = \frac{1}{3}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$

Step - 4: <u>Total shares of all Inheritors</u>

$$M + H + PB + PS$$

$$\frac{1}{6} + \frac{1}{2} + \frac{2}{9} + \frac{1}{9}$$

$$\frac{3 + 9 + 4 + 2}{18} = \frac{18}{18}$$

Calculation Summary

Total Inheritance will be divided into 18 parts.

3 Parts will go to Mother.

9 Parts will go to Husband.

4 Parts will go to Paternal Brother.

2 Parts will go to Paternal Sister.

QUESTION - 107

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Two Daughters
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Paternal Brother	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$

Step - 2 : Total share of ZF

$$\begin{array}{cccccc} D & + & D & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share left for PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} D & + & D & + & H & + & PB \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} & + & \frac{1}{12} \end{array}$$

$$\frac{4 + 4 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

3 Parts will go to Husband.

1 Part will go to Paternal Brother.

QUESTION - 108

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Granddaughter
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Paternal Brother Paternal Sister	R
[ZF]	Granddaughter	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

GD + W

$$\frac{1}{2} + \frac{1}{8}$$

$$\frac{4 + 1}{8} = \frac{5}{8}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{8}$$

$$= \frac{8 - 5}{8} = \frac{3}{8}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB+ PS = 2 + 1 = 3

d) Share of PB = R x $\frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{3}{8} \times \frac{2}{3} = \frac{1}{4}$$

e) Share of PS = R x $\frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{3}{8} \times \frac{1}{3} = \frac{1}{8}$

Step - 4: <u>Total shares of all Inheritors</u>

GD + W + PB + PS

$\frac{1}{2} + \frac{1}{8} + \frac{1}{4} + \frac{1}{8}$

$\frac{4 + 1 + 2 + 1}{8} = \frac{8}{8}$

Calculation Summary

Total Inheritance will be divided into 8 parts.

4 Parts will go to Granddaughter.

1 Part will go to Wife.

2 Parts will go to Paternal Brother.

1 Part will go to Paternal Sister.

QUESTION - 109

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Grandmother
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Paternal Brother	R
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

PGM + H

$$\frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 3}{6} = \frac{4}{6} = \frac{2}{3}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{2}{3}$$

$$= \frac{3 - 2}{3} = \frac{1}{3}$$

Step - 4 : Total shares of all Inheritors

PGM + H + PB

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{3}$$

$$\frac{1 + 3 + 2}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to PGM.

3 Parts will go to Husband.

2 Parts will go to Paternal Brother.

QUESTION - 110

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Maternal Grandmother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Paternal Brother	R	
[ZF]	MGM	$\frac{1}{6}$	
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

Step - 2 : Total share of ZF

MGM + W

$$\frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

Step - 4 : Total shares of all Inheritors

MGM + W + PB

$$\frac{1}{6} + \frac{1}{4} + \frac{7}{12}$$

$$\frac{2 + 3 + 7}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to MGM.

3 Parts will go to Wife.

7 Parts will go to Paternal Brother.

QUESTION - 111

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{ Paternal Brother, Paternal Sister }	R
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGM + MGM + Wife

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{1 + 1 + 3}{12} = \frac{5}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{12}$$

$$= \frac{12 - 5}{12} = \frac{7}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{7}{12} \times \frac{2}{3} = \frac{7}{18}$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{7}{12} \times \frac{1}{3} = \frac{7}{36}$

Step - 4 : <u>Total shares of all Inheritors</u>

PGM + MGM + W + PB + PS

$\frac{1}{12} + \frac{1}{12} + \frac{1}{4} + \frac{7}{18} + \frac{7}{36}$

$\frac{3 + 3 + 9 + 14 + 7}{36} = \frac{36}{36}$

Calculation Summary

Total Inheritance will be divided into 36 parts.

3 Parts will go to PGM.

3 Parts will go to MGM.

9 Parts will go to Wife.

14 Parts will go to Paternal Brother.

7 Parts will go to Paternal Sister.

QUESTION - 112

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Daughter
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Paternal Brother Paternal Sister	R
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & M & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{5}{24} \times \frac{2}{3} = \frac{5}{36}$$

e) Share of PS = R x $\frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{5}{24} \times \frac{1}{3} = \frac{5}{72}$

Step - 4: <u>Total shares of all Inheritors</u>

$$\frac{D + M + W + PB + PS}{\frac{1}{2} + \frac{1}{6} + \frac{1}{8} + \frac{5}{36} + \frac{5}{72}}$$

$$\frac{36 + 12 + 9 + 10 + 5}{72} = \frac{72}{72}$$

Calculation Summary

Total Inheritance will be divided into 72 parts.

36 Parts will go to Daughter.

12 Parts will go to Mother.

9 Parts will go to Wife.

10 Parts will go to Paternal Brother.

5 Parts will go to Paternal Sister.

QUESTION - 113

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Two Daughters
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Paternal Brother	R
[ZF]	Two Daughters	$\frac{2}{3}$*
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother [A-B-N].

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 114

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Daughter
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Paternal Brother		R
[ZF]	Daughter		$\frac{1}{2}$
[ZF]	PGM	}	$\frac{1^*}{6}$
[ZF]	MGM	}	
[ZF]	Wife		$\frac{1}{8}$ (due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccc} D & + & PGM & + & MGM & + & W \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 2 + 2 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & PGM & + & MGM & + & W & + & PB \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{8} & + & \frac{5}{24} \end{array}$$

$$\frac{12 + 2 + 2 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

12 Parts will go to Daughter.

2 Parts will go to PGM.

2 Parts will go to MGM.

3 Parts will go to Wife.

5 Parts will go to Paternal Brother.

QUESTION - 115

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Daughter
4. Granddaughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	{ Paternal Brother, Paternal Sister }	R
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Granddaughter	$\frac{1}{6}$ (due to Daughter)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & GD & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccc} D & + & GD & + & H & + & PB & + & PS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{1}{18} & + & \frac{1}{36} \end{array}$$

$$\frac{18 + 6 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

18 Parts will go to Daughter.

6 Parts will go to Granddaughter.

9 Parts will go to Husband.

2 Parts will go to Paternal Brother.

1 Part will go to Paternal Sister.

QUESTION - 116

Distribute Inheritance among following Inheritors:

1. Paternal Brother
2. Paternal Sister
3. Two Daughters
4. Granddaughter
5. Mother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-G]	Paternal Brother / Paternal Sister	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister [A-B-G].

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 117

Distribute Inheritance among following Inheritors:

1. Paternal Sister
2. Mother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Paternal Sister	$\frac{1}{2}$	
[ZF]	Mother	$\frac{1}{3}$	(due to one PS)
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

Step - 2 : Total share of ZF

$$PS + M + W$$

$$\frac{1}{2} + \frac{1}{3} + \frac{1}{4}$$

$$\frac{6 + 4 + 3}{12} = \frac{13}{12}$$

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Paternal Sister.

4 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 118

Distribute Inheritance among following Inheritors:

1. Paternal Sister
2. Daughter
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Paternal Sister	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{c} D \quad + \quad H \\ \frac{1}{2} + \frac{1}{4} \end{array}$$

$$\frac{2 + 1}{4} = \frac{3}{4}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of PS (R) = Whole – Total Share of ZF

$$= \quad 1 \quad - \frac{3}{4}$$

$$= \quad \frac{4 \quad - \quad 3}{4} = \frac{1}{4}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccc} D & + & H & + & PS \\ \frac{1}{2} & + & \frac{1}{4} & + & \frac{1}{4} \end{array}$$

$$\frac{2 \quad + \quad 1 \quad + \quad 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Daughter.

1 Part will go to Husband.

1 Part will go to Paternal Sister.

QUESTION - 119

Distribute Inheritance among following Inheritors:

1. Two Paternal Sisters
2. Two Daughters
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Paternal Sisters	R	(due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & D & + & W \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{8} \end{array}$$

$$\frac{8 + 8 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

a) Share left for two PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Share of each PS $= \frac{5}{24} \times \frac{1}{2} = \frac{5}{48}$

Step - 4: <u>Total shares of all Inheritors</u>

$$\begin{array}{ccccccccc} D & + & D & + & W & + & PS & + & PS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{8} & + & \frac{5}{48} & + & \frac{5}{48} \end{array}$$

$$\frac{16 + 16 + 6 + 5 + 5}{48} = \frac{48}{48}$$

Calculation Summary

Total Inheritance will be divided into 48 parts.

16 Parts will go to 1st Daughter.

16 Parts will go to 2nd Daughter.

6 Parts will go to Wife.

5 Parts will go to 1st Paternal Sister.

5 Parts will go to 2nd Paternal Sister.

QUESTION - 120

Distribute Inheritance among following Inheritors:

1. Two Paternal Sisters
2. Two Granddaughters
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Paternal Sisters	R (due to Daughter)
[ZF]	Two Granddaughters	$\frac{2}{3}$*
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Granddaughters, therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

GD + GD + H

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

a) Share left for two PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Share of each PS $= \frac{1}{12} \times \frac{1}{2} = \frac{1}{24}$

Step - 4: Total shares of all Inheritors

$$\frac{GD + GD + H + PS + PS}{\frac{1}{3} + \frac{1}{3} + \frac{1}{4} + \frac{1}{24} + \frac{1}{24}}$$

$$\frac{8 + 8 + 6 + 1 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Granddaughter.

8 Parts will go to 2nd Granddaughter.

6 Parts will go to Husband.

1 Part will go to 1st Paternal Sister.

1 Part will go to 2nd Paternal Sister.

QUESTION - 121

Distribute Inheritance among following Inheritors:

1. Paternal Sister
2. Daughter
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Paternal Sister	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & M & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} D & + & M & + & H & + & PS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{1}{12} \end{array}$$

$$\frac{6 + 2 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

6 Parts will go to Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

1 Part will go to Paternal Sister.

QUESTION - 122

Distribute Inheritance among following Inheritors:

1. Paternal Sister
2. Two Daughters
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Paternal Sister	R	(due to Daughter)
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Sister [A-M-G].

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 123

Distribute Inheritance among following Inheritors:

1. Two Paternal Sisters
2. Daughter
3. Paternal Grandmother
4. Maternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Paternal Sisters	R	(due to Daughter)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	PGM	$\frac{1*}{6}$	
[ZF]	MGM		
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccc} D & + & PGM & + & MGM & + & H \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{4} \end{array}$$

$$\frac{6 + 1 + 1 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

a) Share left for two PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Share of each PS $= \frac{1}{12} \times \frac{1}{2} = \frac{1}{24}$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccccc} D & + & PGM & + & MGM & + & H & + & PS & + & PS \\ \frac{1}{2} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{4} & + & \frac{1}{24} & + & \frac{1}{24} \end{array}$$

$$\frac{12 + 2 + 2 + 6 + 1 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

12 Parts will go to Daughter.

2 Parts will go to PGM.

2 Parts will go to MGM.

6 Parts will go to Husband.

1 Part will go to 1st Paternal Sister.

1 Part will go to 2nd Paternal Sister.

QUESTION - 124

Distribute Inheritance among following Inheritors:

1. Two Paternal Sisters
2. Mother
3. Two Daughters
4. Granddaughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Two Paternal Sisters	R (due to Daughter)
[ZF]	Mother	$\frac{1}{6}$ (due to Kids)
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Granddaughter	(No share due to two Daughters)
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{cccccccc} M & + & D & + & D & + & H \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 4 + 4 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Sisters [A-M-G].

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Mother.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

3 Parts will go to Husband.

QUESTION - 125

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[A-B-N]	Paternal Brother	R
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

RS + W

$$\frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 1}{4} = \frac{3}{4}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{3}{4}$$

$$= \frac{4 - 3}{4} = \frac{1}{4}$$

Step - 4 : Total shares of all Inheritors

$$\underset{\frac{1}{2}}{RS} + \underset{\frac{1}{4}}{W} + \underset{\frac{1}{4}}{PB}$$

$$\frac{2 + 1 + 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Real Sister.

1 Part will go to Wife.

1 Part will go to Paternal Brother.

QUESTION - 126

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Paternal Brother
3. Paternal Sister
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

RS + RS + W

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIREHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$

Step - 4: <u>Total shares of all Inheritors</u>

$$\frac{12 + 12 + 9 + 2 + 1}{36} = \frac{36}{36}$$

RS + RS + W + PB + PS

$\frac{1}{3} + \frac{1}{3} + \frac{1}{4} + \frac{1}{18} + \frac{1}{36}$

Calculation Summary

Total Inheritance will be divided into 36 parts.

12 Parts will go to 1st Real Sister.

12 Parts will go to 2nd Real Sister.

9 Parts will go to Wife.

2 Parts will go to Paternal Brother.

1 Part will go to Paternal Sister.

QUESTION - 127

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to RS,PB,PS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

$$RS + M + H$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{3 + 1 + 3}{6} = \frac{7}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{7}{6} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister [A-B-G].

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 7 parts.

3 Parts will go to Real Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 128

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Paternal Brother
3. Paternal Sister
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to RS,PB,PS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\text{RS} + \text{RS} + \text{M} + \text{W}$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister [A-B-G].

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 129

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Daughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to Daughter)
[A-B-G]	Paternal Brother Paternal Sister		(No share due to RS)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{c} D \quad + \quad H \\ \frac{1}{2} + \frac{1}{4} \\ \frac{2 + 1}{4} = \frac{3}{4} \end{array}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{3}{4}$$

$$= \quad \frac{4 - 3}{4} = \frac{1}{4}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{c} D \quad + \quad H \quad + \quad RS \\ \frac{1}{2} + \frac{1}{4} + \frac{1}{4} \\ \frac{2 + 1 + 1}{4} = \frac{4}{4} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Daughter.

1 Part will go to Husband.

1 Part will go to Real Sister.

QUESTION - 130

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Paternal Brother
4. Two Daughters
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G] Real Sister — R (due to Daughter)

[A-B-G] { Paternal Sister, Paternal Brother } (No share due to RS)

[ZF] Two Daughters — $\frac{2^*}{3}$

[ZF] Wife — $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$D + D + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{8}$$

$$\frac{8 + 8 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4 : Total shares of all Inheritors

D	+	D	+	W	+	RS
$\frac{1}{3}$	+	$\frac{1}{3}$	+	$\frac{1}{8}$	+	$\frac{5}{24}$

$$\frac{8 + 8 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to each Daughter.

3 Parts will go to Wife.

5 Parts will go to Real Sister.

QUESTION - 131

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Daughter
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R (due to Daughter)
[A-B-N]	Paternal Brother	(No share due to RS)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

$$D + M + H$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{24} = \frac{1}{12}$$

Step - 4 : Total shares of all Inheritors

$$D + M + H + RS$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{4} + \frac{1}{12}$$

$$\frac{6 + 2 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

6 Parts will go to Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

1 Part will go to Real Sister.

QUESTION - 132

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Two Daughters
5. Mother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to Daughter)
[A-B-G]	Paternal Brother, Paternal Sister		(No share due to RS)
[ZF]	Two Daughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & D & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Real Sister [A-M-G].

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to each Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 133

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Granddaughter
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G] Real Sister R (due to GD)

[A-B-G] { Paternal Brother, Paternal Sister } (No share due to RS)

[ZF] Granddaughter $\frac{1}{2}$

[ZF] Wife $\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

GD + W

$$\frac{1}{2} + \frac{1}{8}$$

$$\frac{4 + 1}{8} = \frac{5}{8}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= \quad 1 \quad - \frac{5}{8}$$

$$= \quad \frac{8 \quad - \quad 5}{8} = \frac{3}{8}$$

Step - 4 : Total shares of all Inheritors

$$\text{GD} + \text{W} + \text{RS}$$

$$\frac{1}{2} + \frac{1}{8} + \frac{3}{8}$$

$$\frac{4 \quad + \quad 1 \quad + \quad 3}{8} = \frac{8}{8}$$

Calculation Summary

Total Inheritance will be divided into 8 parts.

4 Parts will go to Granddaughter.

1 Part will go to Wife.

3 Parts will go to Real Sister.

QUESTION - 134

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Two Granddaughters
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R (due to GD)
[A-B-N]	Paternal Brother	(No share due to RS)
[ZF]	Two Granddaughters	$\frac{2}{3}$*
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

GD + GD + H

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{4}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4 : Total shares of all Inheritors

$$\begin{array}{cccccccc} GD & + & GD & + & H & + & RS \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} & + & \frac{1}{12} \end{array}$$

$$\frac{4 + 4 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into12 parts.

4 Parts will go to 1st Granddaughter.

4 Parts will go to 2nd Granddaughter.

3 Parts will go to Husband.

1 Part will go to Real Sister.

QUESTION - 135

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Two Granddaughters
5. Mother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G] Real Sister — R (due to GD)

[A-B-G] { Paternal Brother, Paternal Sister } (No share due to RS)

[ZF] Two Granddaughters — $\frac{2^*}{3}$

[ZF] Mother — $\frac{1}{6}$ (due to Kids)

[ZF] Wife — $\frac{1}{8}$ (due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$GD + GD + M + W$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{8}$$

$$\frac{8 + 8 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccccccccc} \text{GD} & + & \text{GD} & + & \text{M} & + & \text{W} & + & \text{RS} \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{24} \end{array}$$

$$\frac{8 + 8 + 4 + 3 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

8 Parts will go to 1st Granddaughter.

8 Parts will go to 2nd Granddaughter.

4 Parts will go to Mother.

3 Parts will go to Wife.

1 Part will go to Real Sister.

QUESTION - 136

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[A-B-N]	Paternal Brother	R
[ZF]	Paternal Grandmother	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

RS + PGM + W

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\underset{\frac{1}{2}}{RS} + \underset{\frac{1}{6}}{PGM} + \underset{\frac{1}{4}}{W} + \underset{\frac{1}{12}}{PB}$$

$$\frac{6 + 2 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

6 Parts will go to Real Sister.

2 Parts will go to PGM.

3 Parts will go to Wife.

1 Part will go to Paternal Brother.

QUESTION - 137

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Brother
3. Paternal Sister
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

RS + MGM + W

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{6 + 2 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIREHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister $\boxed{PB+ PS= 2 + 1 = 3}$

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$

Step - 4: <u>Total shares of all Inheritors</u>

$$\begin{array}{cccccccccc} RS & + & MGM & + & W & + & PB & + & PS \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{1}{18} & + & \frac{1}{36} \end{array}$$

$$\frac{18 + 6 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

18 Parts will go to Real Sister.
6 Parts will go to MGM.
9 Parts will go to Wife.
2 Parts will go to Paternal Brother.
1 Part will go to Paternal Sister.

QUESTION - 138

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Paternal Brother
3. Paternal Sister
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

**Equal distribution between MGM and PGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccccccc} RS & + & RS & + & PGM & + & MGM & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{2} \end{array}$$

$$\frac{4 + 4 + 1 + 1 + 6}{12} = \frac{16}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{16}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister [A-B-G].

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 16 parts.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 139

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Paternal Sister	$\frac{1}{6}$ (due to RS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

$$RS + PS + H$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{3 + 1 + 3}{6} = \frac{7}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{7}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 7 parts.

3 Parts will go to Real Sister.

1 Part will go to Paternal Sister.

3 Parts will go to Husband.

QUESTION - 140

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Paternal Sister
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2}{3}$
[ZF]	Paternal Sister	(No share due to two RS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{c} RS + RS + H \\ \frac{1}{3} + \frac{1}{3} + \frac{1}{2} \\ \frac{2 + 2 + 3}{6} = \frac{7}{6} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{7}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 7 parts.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

3 Parts will go to Husband.

QUESTION - 141

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Paternal Sister	$\frac{1}{6}$	(due to RS)
[ZF]	Mother	$\frac{1}{6}$	(due to RS and PS)
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} RS & + & PS & + & M & + & H \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{2} & \end{array}$$

$$\frac{3 + 1 + 1 + 3}{6} = \frac{8}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{8}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 8 parts.

3 Parts will go to Real Sister.

1 Part will go to Paternal Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 142

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Daughter
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R (due to Daughter)
[A-M-G]	Paternal Sister	(No share due to RS)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kid)

Step - 2 : Total share of ZF

D + H

$$\frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 1}{4} = \frac{3}{4}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{3}{4}$$

$$= \frac{4 - 3}{4} = \frac{1}{4}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{ccccc} D & + & H & + & RS \\ \frac{1}{2} & + & \frac{1}{4} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 1 + 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Daughter.

1 Part will go to Husband.

1 Part will go to Real Sister.

QUESTION - 143

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Mother
4. Daughter
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R (due to Daughter)
[A-M-G]	Paternal Sister	(No share due to RS)
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$M + D + W$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{8}$$

$$\frac{4 + 12 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= \quad 1 - \frac{19}{24}$$

$$= \quad \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4: Total shares of all Inheritors

$$M + D + W + RS$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{8} + \frac{5}{24}$$

$$\frac{4 + 12 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

- 4 Parts will go to Mother.
- 12 Parts will go to Daughter.
- 3 Parts will go to Wife.
- 5 Parts will go to Real Sister.

QUESTION - 144

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Two Granddaughters
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-M-G]	Real Sister	R	(due to GD)
[A-M-G]	Paternal Sister	(No share due to RS)	
[ZF]	Two Granddaughters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Husband	$\frac{1}{4}$	(due to Kids)

* Equal distribution between two Granddaughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} GD & + & GD & + & M & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} & \end{array}$$

$$\frac{4 + 4 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Paternal Sister [A-M-G].

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Granddaughter.

4 Parts will go to 2nd Granddaughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

QUESTION - 145

Distribute Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Maternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Paternal Sister	$\frac{1}{6}$ (due to RS)
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\text{RS} + \text{PS} + \text{MGM} + \text{Wife}$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{6 + 2 + 2 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

2 Parts will go to MGM.

3 Parts will go to Wife.

QUESTION - 146

Distribution Inheritance among following Inheritors:

1. Real Sister
2. Paternal Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Paternal Sister	$\frac{1}{6}$	(due to RS)
[ZF]	PGM	$\frac{1^*}{6}$	
[ZF]	MGM		
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

* Equal distribution between MGM and PGM; therefore share of each will be $\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$

Step - 2 : Total share of ZF

$$\underset{\frac{1}{2}}{RS} + \underset{\frac{1}{6}}{PS} + \underset{\frac{1}{12}}{PGM} + \underset{\frac{1}{12}}{MGM} + \underset{\frac{1}{4}}{W}$$

$$\frac{6 + 2 + 1 + 1 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

QUESTION - 147

Distribute Inheritance among following Inheritors:

1. Two Real Sisters
2. Paternal Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[ZF]	Paternal Sister	(No share due to two RS)
[ZF]	PGM MGM	$\frac{1^{**}}{6}$
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

**Equal distribution between PGM and MGM; herefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{c} \text{RS} + \text{RS} + \text{PGM} + \text{MGM} + \text{H} \\ \frac{1}{3} + \frac{1}{3} + \frac{1}{12} + \frac{1}{12} + \frac{1}{2} \\ \frac{4 + 4 + 1 + 1 + 6}{12} = \frac{16}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{16}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 16 parts.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 148

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[ZF]	Mother	$\frac{1}{6}$ (due to MB and MS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{MS} + \text{M} + \text{H}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 1 + 1 + 3}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 149

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Maternal Grandmother
4. Paternal Grandmother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[ZF]	MGM	$\frac{1}{6}$*
[ZF]	PGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between MGM and PGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} \text{MB} & + & \text{MS} & + & \text{MGM} & + & \text{PGM} & + & \text{H} \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{2} \end{array}$$

$$\frac{2 + 2 + 1 + 1 + 6}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

- 2 Parts will go to Maternal Brother.
- 2 Parts will go to Maternal Sister.
- 1 Part will go to MGM.
- 1 Part will go to PGM.
- 6 Parts will go to Husband.

QUESTION - 150

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Real Sister
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$	
[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{c} MB + RS + H \\ \frac{1}{6} + \frac{1}{2} + \frac{1}{2} \\ \frac{1 + 3 + 3}{6} = \frac{7}{6} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{7}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 7 parts.

1 Part will go to Maternal Brother.

3 Parts will go to Real Sister.

3 Parts will go to Husband.

QUESTION - 151

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Paternal Grandmother
3. Real Sister
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\text{MB} + \text{PGM} + \text{RS} + \text{W}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 2 + 6 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to PGM.

6 Parts will go to Real Sister.

3 Parts will go to Wife.

QUESTION - 152

Distribute Inheritance among following Inheritors:

1. Maternal Sister
2. Real Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Sister	$\frac{1}{6}$
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	$\frac{1^*}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MS + RS + PGM + MGM + Wife

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{2 + 6 + 1 + 1 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Maternal Sister.

6 Parts will go to Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

QUESTION - 153

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Sister
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, RS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{MS} + \text{RS} + \text{M} + \text{H}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 1 + 3 + 1 + 3}{6} = \frac{9}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{9}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 9 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

3 Parts will go to Real Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 154

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Sister
4. Paternal Grandmother
5. Maternal Grandmother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB + MS + RS + PGM + MGM + W

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{2 + 2 + 6 + 1 + 1 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Brother.
2 Parts will go to Maternal Sister.
6 Parts will go to Real Sister.
1 Part will go to PGM.
1 Part will go to MGM.
3 Parts will go to Wife.

QUESTION - 155

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Mother
3. Real Brother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Mother	$\frac{1}{6}$ (due to MB and RB)
[A-B-N]	Real Brother	R
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

Step - 2 : Total share of ZF

MB + M + H

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 1 + 3}{6} = \frac{5}{6}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of RB (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{6}$$

$$= \frac{6 - 5}{6} = \frac{1}{6}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} MB & + & M & + & H & + & RB \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} \end{array}$$

$$\frac{1 + 1 + 3 + 1}{6} = \frac{6}{6}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.

1 Part will go to Mother.

3 Parts will go to Husband.

1 Part will go to Real Brother.

QUESTION - 156

Distribute Inheritance among following Inheritors:

1. Maternal Sister
2. Real Brother
3. Real Sister
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Sister	$\frac{1}{6}$
[A-B-G]	Real Brother, Real Sister	R
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

MS + MGM + W

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for RB and RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

$$\boxed{RB + RS = 2 + 1 = 3}$$

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{5}{12} \times \frac{2}{3} = \frac{5}{18}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{5}{12} \times \frac{1}{3} = \frac{5}{36}$$

Step - 4: <u>Total shares of all Inheritors</u>

$$\begin{array}{cccccccccc} MS & + & MGM & + & W & + & RB & + & RS \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} & + & \frac{5}{18} & + & \frac{5}{36} \end{array}$$

$$\frac{6 + 6 + 9 + 10 + 5}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

- 6 Parts will go to Maternal Sister.
- 6 Parts will go to MGM.
- 9 Parts will go to Wife.
- 10 Parts will go to Real Brother.
- 5 Parts will go to Real Sister.

QUESTION - 157

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Brother
4. Real Sister
5. Mother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[A-B-G]	Real Brother, Real Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, RB, RS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} MB & + & MS & + & M & + & H \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{2} \end{array}$$

$$\frac{1 + 1 + 1 + 3}{6} = \frac{6}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{6}{6} = 1$

☞ It means nothing left (R=0) for Real Brother and Real Sister [A-B-G].

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.
1 Part will go to Maternal Sister.
1 Part will go to Mother.
3 Parts will go to Husband.

QUESTION - 158

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Brother
4. Real Sister
5. Paternal Grandmother
6. Maternal Grandmother
7. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[A-B-G]	Real Brother	R
	Real Sister	
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB	+	MS	+	MGM	+	PGM	+	W
$\frac{1}{6}$	+	$\frac{1}{6}$	+	$\frac{1}{12}$	+	$\frac{1}{12}$	+	$\frac{1}{4}$
2	+	2	+	1	+	1	+	3

$$\frac{2 + 2 + 1 + 1 + 3}{12} = \frac{9}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for RB and RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{9}{12}$$

$$= \frac{12 - 9}{12} = \frac{3}{12}$$

b) Ratio between Real Brother and Real Sister

RB : RS = 2 : 1

c) Addition of Ratios of Real Brother and Real Sister

RB + RS = 2 + 1 = 3

d) Share of RB $= R \times \frac{\text{Ratio of RB}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{3}{12} \times \frac{2}{3} = \frac{1}{6}$$

e) Share of RS $= R \times \frac{\text{Ratio of RS}}{\text{Addition of Ratios of RB and RS}}$

$$= \frac{3}{12} \times \frac{1}{3} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccccccccc} \text{MB} & + & \text{MS} & + & \text{MGM} & + & \text{PGM} & + & \text{W} & + & \text{RB} & + & \text{RS} \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{4} & + & \frac{1}{6} & + & \frac{1}{12} \end{array}$$

$$\frac{2 + 2 + 1 + 1 + 3 + 2 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

- 2 Parts will go to Maternal Brother.
- 2 Parts will go to Maternal Sister.
- 1 Part will go to MGM.
- 1 Part will go to PGM.
- 3 Parts will go to Wife.
- 2 Parts will go to Real Brother.
- 1 Part will go to Real Sister.

QUESTION - 159

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Paternal Sister
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Paternal Sister	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{MS} + \text{PS} + \text{W}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 2 + 6 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

6 Parts will go to Paternal Sister.

3 Parts will go to Wife.

QUESTION - 160

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Paternal Sister
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$	
[ZF]	Paternal Sister	$\frac{1}{2}$	
[ZF]	Mother	$\frac{1}{6}$	(due to MB, PS)
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} \text{MB} & + & \text{PS} & + & \text{M} & + & \text{H} \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{2} \end{array}$$

$$\frac{1 + 3 + 1 + 3}{6} = \frac{8}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{8}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 8 parts.

1 Part will go to Maternal Brother.
3 Parts will go to Paternal Sister.
1 Part will go to Mother.
3 Parts will go to Husband.

QUESTION - 161

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Paternal Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Paternal Sister	$\frac{1}{2}$
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{PS} + \text{PGM} + \text{MGM} + \text{W}$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{2 + 6 + 1 + 1 + 3}{12} = \frac{13}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Maternal Brother.

6 Parts will go to Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

QUESTION - 162

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Paternal Brother
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother		$\frac{1}{6}$
[A-B-N]	Paternal Brother		R
[ZF]	PGM	}	$\frac{1^*}{6}$
[ZF]	MGM	}	
[ZF]	Wife		$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB + PGM + MGM + W

$$\frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{2 + 1 + 1 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

Step - 4 : Total shares of all Inheritors

MB + PGM + MGM + W + PB

$$\frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4} + \frac{5}{12}$$

$$\frac{2 + 1 + 1 + 3 + 5}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.
1 Part will go to PGM.
1 Part will go to MGM.
3 Parts will go to Wife.
5 Parts will go to Paternal Brother.

QUESTION - 163

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Paternal Brother
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[A-B-N]	Paternal Brother	R
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, PB)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{MS} + \text{M} + \text{H}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 1 + 1 + 3}{6} = \frac{6}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{6}{6} = 1$

☞ It means nothing left (R=0) for Paternal Brother (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 164

Distribute Inheritance among following Inheritors:

1. Maternal Sister
2. Paternal Brother
3. Paternal Sister
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Sister	$\frac{1}{6}$
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

MS + MGM + W

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

$$\boxed{PB + PS = 2 + 1 = 3}$$

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{5}{12} \times \frac{2}{3} = \frac{5}{18}$$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{5}{12} \times \frac{1}{3} = \frac{5}{36}$$

Step - 4: <u>Total shares of all Inheritors</u>

$$\underset{\frac{1}{6}}{MS} + \underset{\frac{1}{6}}{MGM} + \underset{\frac{1}{4}}{Wife} + \underset{\frac{5}{18}}{PB} + \underset{\frac{5}{36}}{PS}$$

$$\frac{6 + 6 + 9 + 10 + 5}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

- 6 Parts will go to Maternal Sister.
- 6 Parts will go to MGM.
- 9 Parts will go to Wife.
- 10 Parts will go to Paternal Brother.
- 5 Parts will go to Paternal Sister.

QUESTION - 165

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Paternal Brother
4. Paternal Sister
5. Mother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[A-B-G]	Paternal Brother Paternal Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, PB, PS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\underset{\frac{1}{6}}{MB} + \underset{\frac{1}{6}}{MS} + \underset{\frac{1}{6}}{M} + \underset{\frac{1}{4}}{W}$$

$$\frac{2 + 2 + 2 + 3}{12} = \frac{9}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{9}{12}$$

$$= \frac{12 - 9}{12} = \frac{3}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{3}{12} \times \frac{2}{3} = \frac{1}{6}$$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$= \frac{3}{12} \times \frac{1}{3} = \frac{1}{12}$

Step - 4: Total shares of all Inheritors

$$\frac{MB + MS + M + W + PB + PS}{\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{4} + \frac{1}{6} + \frac{1}{12}}$$

$$\frac{2 + 2 + 2 + 3 + 2 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

2 Parts will go to Paternal Brother.

1 Part will go to Paternal Sister.

QUESTION - 166

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Paternal Brother
4. Paternal Sister
5. Paternal Grandmother
6. Maternal Grandmother
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[A-B-G]	Paternal Brother	R
	Paternal Sister	
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB	+	MS	+	PGM	+	MGM	+	H
$\frac{1}{6}$	+	$\frac{1}{6}$	+	$\frac{1}{12}$	+	$\frac{1}{12}$	+	$\frac{1}{2}$
2	+	2	+	1	+	1	+	6

$$\frac{2 + 2 + 1 + 1 + 6}{12} = \frac{12}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{12}{12} = 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister(A-B-G).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

1 Part will go to Paternal Grandmother.

1 Part will go to Maternal Grandmother.

6 Parts will go to Husband.

QUESTION - 167

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Two Real Sisters
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, RS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccccc} \text{MB} & + & \text{MS} & + & \text{RS} & + & \text{RS} & + & \text{M} & + & \text{W} \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \hline 2 & + & 2 & + & 4 & + & 4 & + & 2 & + & 3 & = \frac{17}{12} \\ & & & & & & 12 & & & & & \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{17}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 17 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 168

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Two Real Sisters
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Two Real Sisters	$\frac{2^{**}}{3}$
[ZF]	PGM	$\frac{1^{***}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

***Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{c} \text{MB} + \text{MS} + \text{RS} + \text{RS} + \text{PGM} + \text{MGM} + \text{H} \\ \frac{1}{6} + \frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{12} + \frac{1}{12} + \frac{1}{2} \\ \frac{2 + 2 + 4 + 4 + 1 + 1 + 6}{12} = \frac{20}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{20}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 20 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 169

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Two Paternal Sisters
3. Mother
4. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF] Maternal Brother $\frac{1}{6}$

[ZF] Two Paternal Sisters $\frac{2^*}{3}$

[ZF] Mother $\frac{1}{6}$ (due to MB and PS)

[ZF] Husband $\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Paternal Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

MB + PS + PS + M + H

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 2 + 2 + 1 + 3}{6} = \frac{9}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{9}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 9 parts.

1 Part will go to Maternal Brother.

2 Parts will go to 1st Paternal Sister.

2 Parts will go to 2nd Paternal Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 170

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Two Paternal Sisters
3. Paternal Grandmother
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Two Paternal Sisters	$\frac{2^*}{3}$
[ZF]	PGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between two Paternal Sisters, therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

MB + PS + PS + PGM + W

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 4 + 4 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Brother.

4 Parts will go to 1st Paternal Sister.

4 Parts will go to 2nd Paternal Sister.

2 Parts will go to PGM.

3 Parts will go to Wife.

QUESTION - 171

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Two Paternal Sisters
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Two Paternal Sisters	$\frac{2^{**}}{3}$
[ZF]	PGM	$\frac{1^{***}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between two Paternal Sisters, therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

***Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB + MS + PS + PS + PGM + MGM + H

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{12} + \frac{1}{12} + \frac{1}{2}$$

$$\frac{2 + 2 + 4 + 4 + 1 + 1 + 6}{12} = \frac{20}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{20}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 20 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

4 Parts will go to 1st Paternal Sister.

4 Parts will go to 2nd Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 172

Distribute Inheritance among following Inheritors:

1. Maternal Sister
2. Real Sister
3. Paternal Sister
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Sister	$\frac{1}{6}$	
[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Paternal Sister	$\frac{1}{6}$	(due to RS)
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{c} MS + RS + PS + W \\ \frac{1}{6} + \frac{1}{2} + \frac{1}{6} + \frac{1}{4} \\ \frac{2 + 6 + 2 + 3}{12} = \frac{13}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

2 Parts will go to Maternal Sister.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

3 Parts will go to Wife.

QUESTION - 173

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Real Sister
3. Paternal Sister
4. Mother
5. Husband

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$	
[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Paternal Sister	$\frac{1}{6}$	(due to RS)
[ZF]	Mother	$\frac{1}{6}$	(due to MB, RS, PS)
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

Step - 2 : Total share of ZF

$$MB + RS + PS + M + H$$

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{6} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{1 + 3 + 1 + 1 + 3}{6} = \frac{9}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{9}{6} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 9 parts.

1 Part will go to Maternal Brother.
3 Parts will go to Real Sister.
1 Part will go to Paternal Sister.
1 Part will go to Mother.
3 Parts will go to Husband.

QUESTION - 174

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Real Sister
3. Paternal Sister
4. Paternal Grandmother
5. Maternal Grandmother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$	
[ZF]	Real Sister	$\frac{1}{2}$	
[ZF]	Paternal Sister	$\frac{1}{6}$	(due to RS)
[ZF]	PGM	$\frac{1^*}{6}$	
[ZF]	MGM		
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : <u>Total share of ZF</u>

$$\begin{array}{cccccccc} \text{MB} & + & \text{RS} & + & \text{PS} & + \text{PGM} + & \text{MGM} & + & \text{W} \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + \frac{1}{12} & + \frac{1}{12} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 6 + 2 + 1 + 1 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ All Inheritors are Zawil Furudh.

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Brother.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

QUESTION - 175

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Real Sister
3. Paternal Brother
4. Paternal Sister
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Real Sister	$\frac{1}{2}$
[A-B-G]	{ Paternal Brother, Paternal Sister }	R
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

MB + RS + W

$$\frac{1}{6} + \frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 6 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-GHAIRIHI

a) Share left for PB and PS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

b) Ratio between Paternal Brother and Paternal Sister

PB : PS = 2 : 1

c) Addition of Ratios of Paternal Brother and Paternal Sister

PB + PS = 2 + 1 = 3

d) Share of PB $= R \times \frac{\text{Ratio of PB}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{1}{12} \times \frac{2}{3} = \frac{1}{18}$$

e) Share of PS $= R \times \frac{\text{Ratio of PS}}{\text{Addition of Ratios of PB and PS}}$

$$= \frac{1}{12} \times \frac{1}{3} = \frac{1}{36}$$

Step - 4: Total shares of all Inheritors

MB	+	RS	+	W	+	PB	+	PS
$\frac{1}{6}$	+	$\frac{1}{2}$	+	$\frac{1}{4}$	+	$\frac{1}{18}$	+	$\frac{1}{36}$
6	+	18	+	9	+	2	+	1

$$\frac{6 + 18 + 9 + 2 + 1}{36} = \frac{36}{36}$$

Calculation Summary

Total Inheritance will be divided into 36 parts.

6 Parts will go to Maternal Brother.
18 Parts will go to Real Sister.
9 Parts will go to Wife.
2 Parts will go to Paternal Brother.
1 Part will go to Paternal Sister.

QUESTION - 176

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Sister
4. Paternal Brother
5. Paternal Sister
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Real Sister	$\frac{1}{2}$
[A-B-G]	Paternal Brother	R
	Paternal Sister	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

MB	+	MS	+	RS	+	H
$\frac{1}{6}$	+	$\frac{1}{6}$	+	$\frac{1}{2}$	+	$\frac{1}{2}$

$$\frac{1 + 1 + 3 + 3}{6} = \frac{8}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{8}{6} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister (A-B-G).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 8 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

3 Parts will go to Real Sister.

3 Parts will go to Husband.

QUESTION - 177

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Real Sister
4. Paternal Brother
5. Paternal Sister
6. Maternal Grandmother
7. Wife

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[ZF]	Real Sister	$\frac{1}{2}$
[A-B-G]	Paternal Brother Paternal Sister	R
[ZF]	MGM	$\frac{1}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccccccc} MB & + & MS & + & RS & + & MGM & + & W \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 2 + 6 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister(A-B-G).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Brother.
2 Parts will go to Maternal Sister.
6 Parts will go to Real Sister.
2 Parts will go to MGM.
3 Parts will go to Wife.

QUESTION - 178

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Two Real Sisters
3. Paternal Brother

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[A-B-N]	Paternal Brother	R

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

MB + RS + RS

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3}$$

$$\frac{1 + 2 + 2}{6} = \frac{5}{6}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of PB (R) = Whole – Total Share of ZF

$$= 1 - \frac{5}{6}$$

$$= \frac{6 - 5}{6} = \frac{1}{6}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} \text{MB} & + & \text{RS} & + & \text{RS} & + & \text{PB} & \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & \\ \frac{1}{6} & + & \frac{2}{6} & + & \frac{2}{6} & + & \frac{1}{6} & = \frac{6}{6} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

1 Part will go to Paternal Brother.

QUESTION - 179

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Two Real Sisters
3. Paternal Brother
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{6}$
[ZF]	Two Real Sisters	$\frac{2^*}{3}$
[A-B-N]	Paternal Brother	R
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccccc} \text{MB} & + & \text{RS} & + & \text{RS} & + & \text{PGM} & + & \text{MGM} & + & \text{H} \\ \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{12} & + & \frac{1}{12} & + & \frac{1}{2} \end{array}$$

$$\frac{2 + 4 + 4 + 1 + 1 + 6}{12} = \frac{18}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{18}{12} > 1$

☞ It means nothing left (R=0) for Paternal Brother (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 18 parts.

2 Parts will go to Maternal Brother.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 180

Distribute Inheritance among following Inheritors:

1. Maternal Brother
2. Maternal Sister
3. Two Real Sisters
4. Paternal Brother
5. Paternal Sister
6. Mother
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[ZF]	Two Real Sisters	$\frac{2}{3}$**
[A-B-G]	Paternal Brother, Paternal Sister	R
[ZF]	Mother	$\frac{1}{6}$ (due to MB, MS, PB, PS)
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccccc} \text{MB} & + & \text{MS} & + & \text{RS} & + & \text{RS} & + & \text{M} & + & \text{H} \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{6} & + & \frac{1}{2} \end{array}$$

$$\frac{1 + 1 + 2 + 2 + 1 + 3}{6} = \frac{10}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{10}{6} > 1$

☞ It means nothing left (R=0) for Paternal Brother and Paternal Sister (A-B-G).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 10 parts.

1 Part will go to Maternal Brother.
1 Part will go to Maternal Sister.
2 Parts will go to 1st Real Sister.
2 Parts will go to 2nd Real Sister.
1 Part will go to Mother.
3 Parts will go to Husband.

QUESTION - 181

Distribute Inheritance between following Inheritors:

1. Nephew
2. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R	
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

Step - 2 : Total share of ZF

$$\text{Wife} = \frac{1}{4}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{4}$$

$$= \frac{4 - 1}{4} = \frac{3}{4}$$

Step - 4: Total shares of all Inheritors

W	+	N
$\frac{1}{4}$	+	$\frac{3}{4}$

$$\frac{1 + 3}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

3 Parts will go to Nephew.

QUESTION - 182

Distribute Inheritance between following Inheritors:

1. Husband
2. Nephew

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)
[A-B-N]	Nephew	R

Step - 2 : Total share of ZF

$$\text{Husband} = \frac{1}{2}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{1}{2}$$

$$= \frac{2 - 1}{2} = \frac{1}{2}$$

Step - 4: Total shares of all Inheritors

H + N

$$\frac{1}{2} + \frac{1}{2}$$

$$\frac{1 + 1}{2} = \frac{2}{2}$$

Calculation Summary

Total Inheritance will be divided into 2 parts.

1 Part will go to Husband.

1 Part will go to Nephew.

QUESTION - 183

Distribute Inheritance among following Inheritors:

1. Nephew
2. Mother
3. Daughter
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Daughter	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kid)

Step - 2 : Total share of ZF

$$\begin{matrix} M & + & D & + & W \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{8} \end{matrix}$$

$$\frac{4 + 12 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} M & + & D & + & W & + & N \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{8} & + & \frac{5}{24} \end{array}$$

$$\frac{4 + 12 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

4 Parts will go to Mother.

12 Parts will go to Daughter.

3 Parts will go to Wife.

5 Parts will go to Nephew.

QUESTION - 184

Distribute Inheritance among following Inheritors:

1. Nephew
2. Two Daughters
3. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Husband	$\frac{1}{4}$ (due to Kids)

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} D & + & D & + & H \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} \end{array}$$

$$\frac{4 + 4 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccc} D & + & D & + & H & + & N \\ \frac{1}{3} & + & \frac{1}{3} & + & \frac{1}{4} & + & \frac{1}{12} \end{array}$$

$$\frac{4 + 4 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

3 Parts will go to Husband.

1 Part will go to Nephew.

QUESTION - 185

Distribute Inheritance among following Inheritors:

1. Nephew
2. Paternal Grandmother
3. Maternal Grandmother
4. Two Daughters
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Two Daughters	$\frac{2^*}{3}$
[ZF]	Wife	$\frac{1}{8}$ (due to Kids)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

* Equal distribution between two Daughters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

PGM + MGM + D + D + W

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{3} + \frac{1}{3} + \frac{1}{8}$$

$$\frac{2 + 2 + 8 + 8 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Step - 4: Total shares of all Inheritors

PGM+MGM+ D + D + W + N

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{3} + \frac{1}{3} + \frac{1}{8} + \frac{1}{24}$$

$$\frac{2 + 2 + 8 + 8 + 3 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

2 Parts will go to PGM.

2 Parts will go to MGM.

8 Parts will go to 1st Daughter.

8 Parts will go to 2nd Daughter.

3 Parts will go to Wife.

1 Part will go to Nephew.

QUESTION - 186

Distribute Inheritance among following Inheritors:

1. Nephew
2. Daughter
3. Granddaughter
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R	
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Granddaughter	$\frac{1}{6}$	(due to Daughter)
[ZF]	Mother	$\frac{1}{6}$	(due to Kids)
[ZF]	Wife	$\frac{1}{8}$	(due to Kids)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} D & + & GD & + & M & + & W \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} \end{array}$$

$$\frac{12 + 4 + 4 + 3}{24} = \frac{23}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{23}{24}$$

$$= \frac{24 - 23}{24} = \frac{1}{24}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{cccccccccc} D & + & GD & + & M & + & W & + & N \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{8} & + & \frac{1}{24} \end{array}$$

$$\frac{12 + 4 + 4 + 3 + 1}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

- 12 Parts will go to Daughter.
- 4 Parts will go to Granddaughter.
- 4 Parts will go to Mother.
- 3 Parts will go to Wife.
- 1 Part will go to Nephew.

QUESTION - 187

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

RS + W

$$\frac{1}{2} + \frac{1}{4}$$

$$\frac{2 + 1}{4} = \frac{3}{4}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{3}{4}$$

$$= \frac{4 - 3}{4} = \frac{1}{4}$$

Step - 4: Total shares of all Inheritors

RS + W + N

$$\frac{1}{2} + \frac{1}{4} + \frac{1}{4}$$

$$\frac{2 + 1 + 1}{4} = \frac{4}{4}$$

Calculation Summary

Total Inheritance will be divided into 4 parts.

2 Parts will go to Real Sister.

1 Part will go to Wife.

1 Part will go to Nephew.

QUESTION - 188

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Mother
4. Daughter
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew		(No share due to RS)
[A-M-G]	Real Sister	R	(due to Daughter)
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[ZF]	Daughter	$\frac{1}{2}$	
[ZF]	Husband	$\frac{1}{4}$	(due to Kid)

Step - 2 : Total share of ZF

$$\begin{array}{c} M + D + H \\ \frac{1}{6} + \frac{1}{2} + \frac{1}{4} \\ \frac{2 + 6 + 3}{12} = \frac{11}{12} \end{array}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\begin{array}{c} M + D + H + RS \\ \frac{1}{6} + \frac{1}{2} + \frac{1}{4} + \frac{1}{12} \\ \frac{2 + 6 + 3 + 1}{12} = \frac{12}{12} \end{array}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Mother.

6 Parts will go to Daughter.

3 Parts will go to Husband.

1 Part will go to Real Sister.

QUESTION - 189

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	$\frac{1^*}{6}$
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between PGM and MGM, therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

RS + PGM + MGM + W

$$\frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{6 + 1 + 1 + 3}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

RS +PGM+MGM+ W + N

$$\frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4} + \frac{1}{12}$$

$$\frac{6 + 1 + 1 + 3 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

6 Parts will go to Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

1 Part will go to Nephew.

QUESTION - 190

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Paternal Grandmother
4. Maternal Grandmother
5. Daughter
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew		(No share due to RS)
[A-M-G]	Real Sister		R (due to Daughter)
[ZF]	PGM	}	$\frac{1}{6}$*
[ZF]	MGM	}	
[ZF]	Daughter		$\frac{1}{2}$
[ZF]	Wife		$\frac{1}{8}$ (due to Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

PGM + MGM + D + W

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{2} + \frac{1}{8}$$

$$\frac{2 + 2 + 12 + 3}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-MA'A-GHAIRIHI

Share of RS (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4: Total shares of all Inheritors

PGM + MGM + D + W + RS

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{2} + \frac{1}{8} + \frac{5}{24}$$

$$\frac{2 + 2 + 12 + 3 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

2 Parts will go to PGM.

2 Parts will go to MGM.

12 Parts will go to Daughter.

3 Parts will go to Wife.

5 Parts will go to Real Sister.

QUESTION - 191

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Paternal Sister
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Paternal Sister	$\frac{1}{6}$ (due to RS)
[ZF]	Mother	$\frac{1}{6}$ (due to RS, PS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} RS & + & PS & + & M & + & W & \\ \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} & \\ \frac{6}{12} & + & \frac{2}{12} & + & \frac{2}{12} & + & \frac{3}{12} & = \frac{13}{12} \end{array}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{13}{12} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 13 parts.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 192

Distribute Inheritance among following Inheritors:

1. Nephew
2. Real Sister
3. Paternal Sister
4. Paternal Grandmother
5. Maternal Grandmother
6. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Paternal Sister	$\frac{1}{6}$ (due to RS)
[ZF]	PGM	$\frac{1^*}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\text{RS} + \text{PS} + \text{PGM} + \text{MGM} + \text{H}$$

$$\frac{1}{2} + \frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{2}$$

$$\frac{6 + 2 + 1 + 1 + 6}{12} = \frac{16}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{16}{12} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 16 parts.

6 Parts will go to Real Sister.

2 Parts will go to Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 193

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Maternal Sister
4. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Maternal Brother	$\frac{1*}{3}$
[ZF]	Maternal Sister	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

MB + MS + W

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 2 + 3}{12} = \frac{7}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{7}{12}$$

$$= \frac{12 - 7}{12} = \frac{5}{12}$$

Step - 4: Total shares of all Inheritors

MB + MS + W + N

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{4} + \frac{5}{12}$$

$$\frac{2 + 2 + 3 + 5}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

3 Parts will go to Wife.

5 Parts will go to Nephew.

QUESTION - 194

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Maternal Sister
4. Mother
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R	
[ZF]	Maternal Brother	$\frac{1^*}{3}$	
[ZF]	Maternal Sister		
[ZF]	Mother	$\frac{1}{6}$	(due to MB, MS)
[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Step - 2 : Total share of ZF

$$\begin{array}{cccccccc} MB & + & MS & + & M & + & H \\ \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{2} \end{array}$$

$$\frac{1 + 1 + 1 + 3}{6} = \frac{6}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{6}{6} = 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 6 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

QUESTION - 195

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Maternal Sister
4. Paternal Grandmother
5. Maternal Grandmother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\text{MB} + \text{MS} + \text{PGM} + \text{MGM} + \text{W}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4}$$

$$\frac{2 + 2 + 1 + 1 + 3}{12} = \frac{9}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Nephew (R) = Whole – Total Share of ZF

$$= 1 - \frac{9}{12}$$

$$= \frac{12 - 9}{12} = \frac{3}{12}$$

Step - 4: Total shares of all Inheritors

$$\text{MB} + \text{MS} + \text{PGM} + \text{MGM} + \text{W} + \text{N}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{12} + \frac{1}{12} + \frac{1}{4} + \frac{3}{12}$$

$$\frac{2 + 2 + 1 + 1 + 3 + 3}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

- 2 Parts will go to Maternal Brother.
- 2 Parts will go to Maternal Sister.
- 1 Part will go to PGM.
- 1 Part will go to MGM.
- 3 Parts will go to Wife.
- 3 Parts will go to Nephew.

QUESTION - 196

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Maternal Sister
4. Two Real Sisters
5. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Maternal Brother	$\frac{1}{3}$*
[ZF]	Maternal Sister	
[ZF]	Two Real Sisters	$\frac{2}{3}$**
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

MB	+	MS	+	RS	+	RS	+	H
1/6	+	1/6	+	1/3	+	1/3	+	1/2

$$\frac{1 + 1 + 2 + 2 + 3}{6} = \frac{9}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{9}{6} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 9 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

3 Parts will go to Husband.

QUESTION - 197

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Two Real Sisters
4. Mother
5. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R	
[ZF]	Maternal Brother	$\frac{1}{6}$	
[ZF]	Two Real Sisters	$\frac{2^*}{3}$	
[ZF]	Mother	$\frac{1}{6}$	(due to MB and RS)
[ZF]	Wife	$\frac{1}{4}$	(due to no Kid)

* Equal distribution between two Real Sisters; therefore share of each will be

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

Step - 2 : Total share of ZF

MB + RS + RS + M + W

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{3} + \frac{1}{6} + \frac{1}{4}$$

$$\frac{2 + 4 + 4 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Brother.

4 Parts will go to 1st Real Sister.

4 Parts will go to 2nd Real Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

QUESTION - 198

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Brother
3. Maternal Sister
4. Real Sister
5. Paternal Grandmother
6. Maternal Grandmother
7. Husband

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Maternal Brother	$\frac{1^*}{3}$
[ZF]	Maternal Sister	
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	PGM	$\frac{1^{**}}{6}$
[ZF]	MGM	
[ZF]	Husband	$\frac{1}{2}$ (due to no Kid)

* Equal distribution between Maternal Brother and Maternal Sister; therefore share of each will be

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

**Equal distribution between PGM and MGM; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

MB + MS + RS + PGM + MGM + H

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{2}$$

$$\frac{2 + 2 + 6 + 1 + 1 + 6}{12} = \frac{18}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{18}{12} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 18 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

6 Parts will go to Real Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

QUESTION - 199

Distribute Inheritance among following Inheritors:

1. Nephew
2. Maternal Sister
3. Real Sister
4. Paternal Sister
5. Mother
6. Wife

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Nephew	R
[ZF]	Maternal Sister	$\frac{1}{6}$
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Paternal Sister	$\frac{1}{6}$ (due to RS)
[ZF]	Mother	$\frac{1}{6}$ (due to MS, RS, PS)
[ZF]	Wife	$\frac{1}{4}$ (due to no Kid)

Step - 2 : Total share of ZF

$$\begin{array}{cccccccccc} MS & + & RS & + & PS & + & M & + & W \\ \frac{1}{6} & + & \frac{1}{2} & + & \frac{1}{6} & + & \frac{1}{6} & + & \frac{1}{4} \end{array}$$

$$\frac{2 + 6 + 2 + 2 + 3}{12} = \frac{15}{12}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{15}{12} > 1$

☞ It means nothing left (R=0) for Nephew (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 15 parts.

2 Parts will go to Maternal Sister.
6 Parts will go to Real Sister.
2 Parts will go to Paternal Sister.
2 Parts will go to Mother.
3 Parts will go to Wife.

QUESTION - 200

Distribute Inheritance among following Inheritors:

1. Uncle
2. Real Sister
3. Two Paternal Sisters
4. Mother

Solution

Step - 1 : List of Inheritors and their shares

[A-B-N]	Uncle	R
[ZF]	Real Sister	$\frac{1}{2}$
[ZF]	Two Paternal Sisters	$\frac{1^*}{6}$ (due to RS)
[ZF]	Mother	$\frac{1}{6}$ (due to RS and PS)

* Equal distribution between two Paternal Sisters; therefore share of each will be

$$\frac{1}{6} \times \frac{1}{2} = \frac{1}{12}$$

Step - 2 : Total share of ZF

$$\text{RS} + \text{PS} + \text{PS} + \text{M}$$

$$\frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{6}$$

$$\frac{6 + 1 + 1 + 2}{12} = \frac{10}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Uncle (R) = Whole – Total Share of ZF

$$= 1 - \frac{10}{12}$$

$$= \frac{12 - 10}{12} = \frac{2}{12}$$

Step - 4: Total shares of all Inheritors

$$\text{RS} + \text{PS} + \text{PS} + \text{M} + \text{U}$$

$$\frac{1}{2} + \frac{1}{12} + \frac{1}{12} + \frac{1}{6} + \frac{2}{12}$$

$$\frac{6 + 1 + 1 + 2 + 2}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

- 6 Parts will go to Real Sister.
- 1 Part will go to 1st Paternal Sister.
- 1 Part will go to 2nd Paternal Sister.
- 2 Parts will go to Mother.
- 2 Parts will go to Uncle.

QUESTION - 201

Distribute Inheritance among following Inheritors:

1. Wife
2. Mother
3. Daughter
4. Uncle

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Wife	$\frac{1}{8}$	(due to Kid)
[ZF]	Mother	$\frac{1}{6}$	(due to Kid)
[ZF]	Daughter	$\frac{1}{2}$	
[A-B-N]	Uncle	R	

Step - 2 : Total share of ZF

$$W + M + D$$

$$\frac{1}{8} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{3 + 4 + 12}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Uncle (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

Step - 4: Total shares of all Inheritors

$$\underset{\frac{1}{8}}{W} + \underset{\frac{1}{6}}{M} + \underset{\frac{1}{2}}{D} + \underset{\frac{5}{24}}{U}$$

$$\frac{3 + 4 + 12 + 5}{24} = \frac{24}{24}$$

Calculation Summary

Total Inheritance will be divided into 24 parts.

- 3 Parts will go to Wife.
- 4 Parts will go to Mother.
- 12 Parts will go to Daughter.
- 5 Parts will go to Uncle.

QUESTION - 202

Distribute Inheritance among following Inheritors:

1. Husband
2. Mother
3. Daughter
4. Uncle's Son

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Husband	$\frac{1}{4}$ (due to Kid)
[ZF]	Mother	$\frac{1}{6}$ (due to Kid)
[ZF]	Daughter	$\frac{1}{2}$
[A-B-N]	Uncle's Son	R

Step - 2 : Total share of ZF

$$\underset{\frac{1}{4}}{H} + \underset{\frac{1}{6}}{M} + \underset{\frac{1}{2}}{D}$$

$$\frac{3 + 2 + 6}{12} = \frac{11}{12}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

Share of Uncle's Son (R) = Whole – Total Share of ZF

$$= 1 - \frac{11}{12}$$

$$= \frac{12 - 11}{12} = \frac{1}{12}$$

Step - 4: Total shares of all Inheritors

$$\underset{\frac{1}{4}}{H} + \underset{\frac{1}{6}}{M} + \underset{\frac{1}{2}}{D} + \underset{\frac{1}{12}}{US}$$

$$\frac{3 + 2 + 6 + 1}{12} = \frac{12}{12}$$

Calculation Summary

Total Inheritance will be divided into 12 parts.

3 Parts will go to Husband.

2 Parts will go to Mother.

6 Parts will go to Daughter.

1 Part will go to Uncle's Son.

QUESTION - 203

Distribute Inheritance among following Inheritors:

1. Husband
2. Mother
3. Maternal Brother
4. Uncle's Son

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Husband	$\frac{1}{2}$	(due to no Kid)
[ZF]	Mother	$\frac{1}{3}$	(due to one MB)
[ZF]	Maternal Brother	$\frac{1}{6}$	
[A-B-N]	Uncle's Son	R	

Step - 2 : Total share of ZF

$$\begin{array}{ccccc} H & + & M & + & MB \\ \frac{1}{2} & + & \frac{1}{3} & + & \frac{1}{6} \end{array}$$

$$\frac{3 + 2 + 1}{6} = \frac{6}{6}$$

Note : Here,

☞ $\frac{\text{Total share of ZF}}{\text{LCM}} = \frac{6}{6} = 1$

☞ It means nothing left (R=0) for Uncle's Son (A-B-N).

☞ No need for further calculation.

Calculation Summary

Total Inheritance will be divided into 6 parts.

3 Parts will go to Husband.

2 Parts will go to Mother.

1 Part will go to Maternal Brother.

QUESTION - 204

Distribute Inheritance among following Inheritors:

1. Wife
2. Maternal Grandmother
3. Granddaughter
4. Two Uncle's Sons

Solution

Step - 1 : List of Inheritors and their shares

[ZF]	Wife	$\frac{1}{8}$	(due to Kid)
[ZF]	MGM	$\frac{1}{6}$	
[ZF]	Granddaughter	$\frac{1}{2}$	
[A-B-N]	Two Uncle's Sons	R	

Step - 2 : Total share of ZF

W +MGM+ GD

$$\frac{1}{8} + \frac{1}{6} + \frac{1}{2}$$

$$\frac{3 + 4 + 12}{24} = \frac{19}{24}$$

Step - 3 : Share of ASABA-BI-NAFSIHI

a) Share left for two Uncle's Sons (R) = Whole – Total Share of ZF

$$= 1 - \frac{19}{24}$$

$$= \frac{24 - 19}{24} = \frac{5}{24}$$

b) Share of each Uncle's Son

$$\frac{5}{24} \times \frac{1}{2} = \frac{5}{48}$$

Step - 4: <u>Total shares of all Inheritors</u>

$$\begin{array}{cccccccccc} W & + & MGM & + & GD & + & US & + & US \\ \frac{1}{8} & + & \frac{1}{6} & + & \frac{1}{2} & + & \frac{5}{48} & + & \frac{5}{48} \end{array}$$

$$\frac{6 \ + \ 8 \ + \ 24 \ + \ 5 \ + \ 5}{48} = \frac{48}{48}$$

Calculation Summary

Total Inheritance will be divided into 48 parts.

6 Parts will go to Wife.

8 Parts will go to MGM.

24 Parts will go to Granddaughter.

5 Parts will go to 1st Uncle's Son.

5 Parts will go to 2nd Uncle's Son.

Shares of Inheritors in Amount

I have already discussed how to calculate WILL Amount (WA), Inheritance Amount (IA) and distribution of Inheritance among Inheritors in terms of share counts.

In this section I will discuss how to calculate shares of Inheritors in amount.

If you divide Inheritance Amount (IA) by total no. of divisions then it will give you amount of 1 part.

$$\text{Amount of 1 Part} = \frac{\text{Inheritance Amount}}{\text{Total no. of divisions in Inheritance}}$$

Let's say if the Inheritance Amount is 40,000 after deducting funeral expenses, debts and WILL.

Let's take a few questions as examples for distributing this amount to each Inheritor.

☞ In **QUESTION - 1** on page 87, total Inheritance will be divided into 8 parts.

1 Part will go to Wife.
7 Parts will go to Son.

$$\text{Therefore, Amount of 1 Part} = \frac{40{,}000}{8} = \boxed{5{,}000}$$

Therefore, amount payable to inheritors:

Wife = 1 x 5000 = 5,000
Son = 7 x 5000 = 35,000
Verified total amount = 40,000

☞ In **QUESTION - 4** on page 90, total Inheritance will be divided into 8 parts.

2 Parts will go to 1st Son.

2 Parts will go to 2nd Son.

2 Parts will go to 3rd Son.

1 Part will go to 1st Daughter.

1 Part will go to 2nd Daughter.

Therefore, Amount of 1 Part = $\frac{40,000}{8}$ = **5,000**

Therefore, amount payable to inheritors:

1st Son = 2 x 5,000 = 10,000
2nd Son = 2 x 5,000 = 10,000
3rd Son = 2 x 5,000 = 10,000
1st Daughter = 1 x 5,000 = 5,000
2nd Daughter = 1 x 5,000 = 5,000
Verified total amount = 40,000

☞ In **QUESTION - 6** on page 93, total Inheritance will be divided into 72 parts.

12 Parts will go to Mother.

34 Parts will go to Son.

17 Parts will go to Daughter.

9 Parts will go to Wife.

Therefore, Amount of 1 Part $= \frac{40,000}{72} =$ **555.555**

Therefore, amount payable to inheritors:

Mother	= 12	x	555.555	=	6,666.67
Son	= 34	x	555.555	=	18,888.87
Daughter	= 17	x	555.555	=	9,444.44
Wife	= 9	x	555.555	=	4,999.99
Verified total amount				=	39,999.97

☞ In **QUESTION - 12** on page 107, total Inheritance will be divided into 24 parts.

3 Parts will go to Wife.

14 Parts will go to Grandson.

7 Parts will go to Granddaughter.

Therefore, Amount of 1 Part $= \frac{40,000}{24} =$ **1,666.67**

Therefore, amount payable to inheritors:

Wife	=	3	x	1,666.67	=	5,000.01
Grandson	=	14	x	1,666.67	=	23,333.38
Granddaughter	=	7	x	1,666.67	=	11,666.69
Verified total amount					=	40,000.08

☞ In **QUESTION - 19** on page 122, total Inheritance will be divided into 13 parts.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

Therefore, Amount of 1 Part $= \frac{40,000}{13} =$ **3,076.923**

Therefore, amount payable to inheritors:

1st Daughter	=	4	x	3,076.923	=	12,307.692
2nd Daughter	=	4	x	3,076.923	=	12,307.692
Mother	=	2	x	3,076.923	=	6,153.846
Husband	=	3	x	3,076.923	=	9,230.769
Verified total amount					=	39,999.999

☞ In **QUESTION - 23** on page 127, total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

2 Parts will go to Father.

1 Part will go to Mother.

Therefore, Amount of 1 Part $= \frac{40,000}{4} =$ **10,000**

Therefore, amount payable to inheritors:

Wife	=	1	x	10,000	=	10,000
Father	=	2	x	10,000	=	20,000
Mother	=	1	x	10,000	=	10,000
Verified total amount					=	40,000

☞ In **QUESTION - 30** on page 141, total Inheritance will be divided into 8 parts.

4 Parts will go to Daughter.

3 Parts will go to Father.

1 Part will go to Wife.

Therefore, Amount of 1 Part $= \frac{40,000}{8} =$ **5000**

Therefore, amount payable to inheritors:

Daughter	=	4	x	5,000	=	20,000
Father	=	3	x	5,000	=	15,000
Wife	=	1	x	5,000	=	5,000
Verified total amount					=	40,000

☞ In **QUESTION - 41** on page 160, total Inheritance will be divided into 15 parts.

2 Parts will go to Father.

4 Parts will go to 1st Daughter.

4 Parts will go to 2nd Daughter.

2 Parts will go to Mother.

3 Parts will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{15}$ = 2,666.67

Therefore, amount payable to inheritors:

Father	=	2	x	2,666.67	=	5,333.34
1st Daughter	=	4	x	2,666.67	=	10,666.68
2nd Daughter	=	4	x	2,666.67	=	10,666.68
Mother	=	2	x	2,666.67	=	5,333.34
Husband	=	3	x	2,666.67	=	8,000.01
Verified total amount					=	40,000.05

☞ In **QUESTION - 56** on page 187, total Inheritance will be divided into 72 parts.

26 Parts will go to Son.

13 Parts will go to Daughter.

12 Parts will go to Father.

12 Parts will go to MGM.

9 Parts will go to Wife.

Therefore, Amount of 1 Part $= \frac{40{,}000}{72} =$ **555.56**

Therefore, amount payable to inheritors:

Son	=	26	x	555.56	=	14,444.56
Daughter	=	13	x	555.56	=	7,222.28
Father	=	12	x	555.56	=	6,666.72
MGM	=	12	x	555.56	=	6,666.72
Wife	=	9	x	555.56	=	5,000.04
Verified total amount					=	40,000.32

☞ In **QUESTION - 65** on page 205, total Inheritance will be divided into 12 parts.

7 Parts will go to PGF.

1 Part will go to PGM.

1 Part will go to MGM.

4 Parts will go to Wife.

Therefore, Amount of 1 Part = $\frac{40,000}{12}$ = **3,333.33**

Therefore, amount payable to inheritors:

PGF	=	7	x	3,333.33	=	23,333.31
PGM	=	1	x	3,333.33	=	3,333.33
MGM	=	1	x	3,333.33	=	3,333.33
Wife	=	3	x	3,333.33	=	9,999.99
Verified total amount					=	39,999.96

☞ In **QUESTION - 74** on page 221, total Inheritance will be divided into 36 parts.

6 Parts will go to PGF.
6 Parts will go to Mother.
9 Parts will go to Husband.
10 Parts will go to Son.
5 Parts will go to Daughter.

Therefore, Amount of 1 Part = $\frac{40,000}{36}$ = **1,111.11**

Therefore, amount payable to inheritors:

PGF	=	6	x	1,111.11	=	6,666.66
Mother	=	6	x	1,111.11	=	6,666.66
Husband	=	9	x	1,111.11	=	9,999.99
Son	=	10	x	1,111.11	=	1,111.11
Daughter	=	5	x	1,111.11	=	5,555.55
Verified total amount					=	39,999.97

☞ In **QUESTION - 86** on page 247, total Inheritance will be divided into 18 parts.

3 Parts will go to MGM.

9 Parts will go to Husband.

4 Parts will go to Real Brother.

2 Parts will go to Real Sister.

Therefore, Amount of 1 Part = $\frac{40,000}{18}$ = **2,222.22**

Therefore, amount payable to inheritors:

MGM	=	3	x	2,222.22	=	6,666.66
Husband	=	9	x	2,222.22	=	19,999.98
Real Brother	=	4	x	2,222.22	=	8,888.88
Real Sister	=	2	x	2,222.22	=	4,444.44
Verified total amount					=	39,999.96

☞ In **QUESTION - 109** on page 290, total Inheritance will be divided into 6 parts.

1 Part will go to PGM.

3 Parts will go to Husband.

2 Parts will go to Paternal Brother.

Therefore, Amount of 1 Part = $\frac{40,000}{6}$ = **6,666.67**

Therefore, amount payable to inheritors:

PGM	=	1	x	6,666.67	=	6,666.67
Husband	=	3	x	6,666.67	=	20,000.01
Paternal Brother	=	2	x	6,666.67	=	13,333.34
Verified total amount					=	40,000.02

☞ In **QUESTION - 138** on page 344, total Inheritance will be divided into 16 parts.

4 Parts will go to 1st Real Sister.
4 Parts will go to 2nd Real Sister.
1 Part will go to PGM.
1 Part will go to MGM.
6 Parts will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{16}$ = **2,500**

Therefore, amount payable to inheritors:

1st Real Sister.	=	4	x	2,500	=	10,000
2nd Real Sister.	=	4	x	2,500	=	10,000
PGM	=	1	x	2,500	=	2,500
MGM	=	1	x	2,500	=	2,500
Husband	=	6	x	2,500	=	15,000
Verified total amount						40,000

☞ In **QUESTION - 141** on page 348, total Inheritance will be divided into 8 parts.

3 Parts will go to Real Sister.

1 Parts will go to Paternal Sister.

1 Part will go to Mother.

3 Part will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{8}$ = **5,000**

Therefore, amount payable to inheritors:

Real Sister	=	3	x	5,000	=	15,000
Paternal Sister	=	1	x	5,000	=	5,000
Mother	=	1	x	5,000	=	5,000
Husband	=	3	x	5,000	=	15,000
Verified total amount					=	40,000

☞ In **QUESTION - 153** on page 366, total Inheritance will be divided into 9 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

3 Parts will go to Real Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{9}$ = **4,444.44**

Therefore, amount payable to inheritors:

Maternal Brother	=	1	x	4,444.44	=	4,444.44
Maternal Sister	=	1	x	4,444.44	=	4,444.44
Real Sister	=	3	x	4,444.44	=	13,333.32
Mother	=	1	x	4,444.44	=	4,444.44
Husband	=	3	x	4,444.44	=	13,333.32
Verified total amount					=	39,999.96

☞ In **QUESTION - 165** on page 389, total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

2 Parts will go to Mother.

3 Parts will go to Wife.

2 Parts will go to Paternal Brother.

1 Part will go to Paternal Sister.

Therefore, Amount of 1 Part = $\frac{40,000}{12}$ = **3,333.33**

Therefore, amount payable to inheritors:

Maternal Brother	=	2	x	3,333.33	=	6,666.66
Maternal Sister	=	2	x	3,333.33	=	6,666.66
Mother	=	2	x	3,333.33	=	6,666.66
Wife	=	3	x	3,333.33	=	9,999.99
Paternal Brother	=	2	x	3,333.33	=	6,666.66
Paternal Sister	=	1	x	3,333.33	=	3,333.33
Verified total amount					=	39,999.66

☞ In **QUESTION - 171** on page 401, total Inheritance will be divided into 20 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

4 Parts will go to 1st Paternal Sister.

4 Parts will go to 2nd Paternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

6 Parts will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{20}$ = **2,000**

Therefore, amount payable to inheritors:

Maternal Brother	=	2	x	2,000	=	4,000
Maternal Sister	=	2	x	2,000	=	4,000
1st Paternal Sister	=	4	x	2,000	=	8,000
2nd Paternal Sister	=	4	x	2,000	=	8,000
PGM	=	1	x	2,000	=	2,000
MGM	=	1	x	2,000	=	2,000
Husband	=	6	x	2,000	=	12,000
Verified total amount					=	40,000

☞ In **QUESTION - 180** on page 417, total Inheritance will be divided into 10 parts.

1 Part will go to Maternal Brother.

1 Part will go to Maternal Sister.

2 Parts will go to 1st Real Sister.

2 Parts will go to 2nd Real Sister.

1 Part will go to Mother.

3 Parts will go to Husband.

Therefore, Amount of 1 Part = $\frac{40,000}{10}$ = **4,000**

Therefore, amount payable to inheritors:

Maternal Brother	=	1	x	4,000	=	4,000
Maternal Sister	=	1	x	4,000	=	4,000
1st Real Sister	=	2	x	4,000	=	8,000
2nd Real Sister	=	2	x	4,000	=	8,000
Mother	=	1	x	4,000	=	4,000
Husband	=	3	x	4,000	=	12,000
Verified total amount					=	40,000

☞ In **QUESTION - 181** on page 419, total Inheritance will be divided into 4 parts.

1 Part will go to Wife.

3 Parts will go to Nephew.

Therefore, Amount of 1 Part = $\frac{40,000}{4}$ = **10,000**

Therefore, amount payable to inheritors:

Wife	=	1	x	10,000	=	10,000
Nephew	=	3	x	10,000	=	30,000
Verified total amount					=	40,000

☞ In **QUESTION - 195** on page 444, total Inheritance will be divided into 12 parts.

2 Parts will go to Maternal Brother.

2 Parts will go to Maternal Sister.

1 Part will go to PGM.

1 Part will go to MGM.

3 Parts will go to Wife.

3 Parts will go to Nephew.

Therefore, Amount of 1 Part $= \frac{40,000}{12} =$ **3,333.33**

Therefore, amount payable to inheritors:

Maternal Brother	=	2	x	3,333.33 =	6,666.66
Maternal Sister	=	2	x	3,333.33 =	6,666.66
PGM	=	1	x	3,333.33 =	3,333.33
MGM	=	1	x	3,333.33 =	3,333.33
Wife	=	3	x	3,333.33 =	9,999.99
Nephew	=	3	x	3,333.33 =	9,999.99
Verified total amount				=	39,999.96

☞ In **QUESTION - 200** on page 453, total Inheritance will be divided into 12 parts.

6 Parts will go to Real Sister.

1 Part will go to 1st Paternal Sister.

1 Part will go to 2nd Paternal Sister.

2 Parts will go to Mother.

2 Parts will go to Uncle.

Therefore, Amount of 1 Part = $\frac{40,000}{12}$ = **3,333.33**

Therefore, amount payable to inheritors:

Real Sister	=	6	x	3,333.33	=	19,999.98
1st Paternal Sister	=	1	x	3,333.33	=	3,333.33
2nd Paternal Sister	=	1	x	3,333.33	=	3,333.33
Mother	=	2	x	3,333.33	=	6,666.66
Uncle	=	2	x	3,333.33	=	6,666.66
Verified total amount					=	39,999.16

☞ In **QUESTION - 204** on page 459, total Inheritance will be divided into 48 parts.

6 Parts will go to Wife.

8 Parts will go to PGM.

24 Parts will go to Granddaughter.

5 Parts will go to 1st Uncle's Son.

5 Parts will go to 2nd Uncle's Son.

Therefore, Amount of 1 Part = $\frac{40,000}{48}$ = **833.33**

Therefore, amount payable to inheritors:

Wife	=	6	x	833.33	=	4,999.98
PGM	=	8	x	833.33	=	6,666.64
Granddaughter	=	24	x	833.33	=	19,999.92
1st Uncle's Son	=	5	x	833.33	=	4,166.65
2nd Uncle's Son	=	5	x	833.33	=	4,166.65
Verified total amount					=	39,999.34

Questions for Readers

Distribute Inheritance among following Inheritors and find share for each Inheritor.

1. Son, Brother, Uncle
2. Uncle's Son, Nephew, Uncle
3. Father, Uncle, Brother
4. Father, Son, Brother
5. Two Sons, Five Daughters
6. Five Sons, Daughter, Two Brothers
7. Husband, Two Sons, Daughter
8. Husband, Mother, Four Brothers
9. Wife, Mother, Father, Three Sons, Two Daughters
10. Mother, Grandfather, Daughter
11. Wife, Daughter, Grandfather, Father, Maternal Brother
12. Husband, Mother, Maternal Brother, Uncle
13. Wife, Mother, Three Maternal Brothers, Nephew
14. Husband, Daughter, Granddaughter, Great Grandson, Mother
15. Wife, Mother, Grandson, Two Great Granddaughters
16. Mother, Two Granddaughters, Two Real Sisters
17. Husband, Daughter, Three Real Sisters
18. Husband, Daughter, Three Real sisters, Real Brother

19. Wife, Two Real Sisters, Paternal Sister, Paternal Brother
20. Mother, Real Sister, Two Paternal Sisters, Uncle
21. Father, Mother, Two Real Sisters, Two Paternal Sisters, Paternal Brother
22. Wife, Daughter, Son, Real Sisters, Paternal Sister, Maternal Sister
23. Two Real Sisters, Three Maternal Sisters
24. Wife, Granddaughter, Maternal Sister, Real Sister, Paternal Sister
25. Wife, Mother, Daughter, Granddaughter, Real Sister, Paternal Sister, Paternal Brother
26. Wife, Mother, Paternal Grandmother, Daughter, Paternal Sister
27. Father, Maternal Grandmother, Daughter Paternal Grandmother
28. Two Real Sisters, Maternal Sister, Maternal Grandmother, Paternal Great Grandmother
29. Mother, Three Real Sisters, Paternal Sister, Paternal Brother
30. Three Wives, Three Real Sisters, Three Maternal Sisters, Paternal Grandmother
31. Wife, Daughter, Granddaughter, Real Sister, Maternal Sister, Paternal Sister, Maternal Grandmother
32. Husband, Daughter, Uncle's Son, Real Sister, Paternal Sister

Answer to Questions

1. Total Shares = 1
   S = 1, BR = 0, U = 0
2. Total Shares = 1
   US = 0, N = 1, U = 0
3. Total Shares = 1
   F = 1, U = 0, BR = 0
4. Total Shares = 6
   F = 1, S = 5, BR = 0
5. Total Shares = 9
   S=2, S=2, D=1, D=1, D=1, D=1, D=1, BR=0, BR=0
6. Total Shares = 11
   S = 2, S = 2, S = 2, S = 2, S = 2, D = 1
7. Total Shares = 20
   H = 5, S = 6 , S = 6 , D = 3
8. Total Shares = 12
   H = 6, M = 2, BR = 1, BR = 1, BR = 1, BR = 1
9. Total Shares = 192
   W = 24, M = 32, F = 32, S = 26, S = 26, S = 26
   D = 13, D = 13
10. Total Shares = 6
    M = 1, GF = 2, D = 3
11. Total Share = 8
    W = 1, D = 4, GF = 0, F = 3, MB = 0

12. Total Shares = 6
    H = 3 , M = 2, MB = 1 , U = 0
13. Total Shares = 36
    W = 9, M = 6, MB = 4, MB = 4, MB = 4, N = 9
14. Total Shares = 36
    H = 9, D = 18, GD = 1, GGS = 2, M = 6
15. Total Shares = 24
    W = 3, M = 4, GS = 17, GGD = 0, GDD = 0
16. Total Shares = 12
    M = 2, GD = 4, GD = 4, RS = 1, RS = 1
17. Total Shares = 12
    H = 3, D = 6, RS = 1, RS = 1, RS = 1
18. Total Shares = 20
    H = 5, D = 10, RS = 1, RS = 1, RS = 1, RB = 2
19. Total Shares = 36
    W = 9, RS = 12, RS = 12, PB = 2, PS = 1
20. Total Shares = 12
    M = 2, RS = 6, PS = 1, PS = 1, U = 2
21. Total Shares = 6
    F = 5, M = 1, RS = 0, RS = 0, PS = 0, PS = 0
    PB = 0
22. Total Shares = 24
    W = 3, D = 7, S = 14, RS = 0, PS = 0, MS = 0
23. Total Shares = 9
    RS = 3, RS = 3, MS = 1, MS = 1, MS = 1

24. Total Shares = 8
    W = 1, GD = 4, MS = 0, RS = 3, PS = 0
25. Total Shares = 24
    W = 3, M = 4, D = 6, GD = 4, RS = 1, PS = 0
    PB = 0
26. Total Shares = 24
    W = 3, M = 4, PGM = 0, D = 12, PS = 5
27. Total Shares = 6
    F = 2, MGM = 1, D = 3, PGM = 0
28. Total Shares = 6
    RS = 2, RS = 2, MS = 1, MGM = 1, PGGM = 0
29. Total Shares = 18
    M = 3, RS = 4, RS = 4, RS = 4, PS = 1, PB = 2
30. Total Shares = 51
    W = 3, W = 3, W = 3, RS = 8, RS = 8, RS = 8
    MS = 4, MS = 4, MS = 4, PGM = 6
31. Total Shares = 24
    W = 3, D = 12, GD = 4, RS = 1, MS = 0
    PS = 0, MGM = 4
32. Total Shares = 4
    H = 1, D = 2, US = 0, RS= 1, PS = 0

APPENDIX - 1

References from the Qur'an and Hadeeth

(1) **Will :** The Qur'an 4:11, Bukhari – 6723, 2740, 2742, 2743, 2744, Abu-Dawood – 2870, 2922, Mishkat – 3071, 3072, 3073, 3075

(2) **Debt :** The Qur'an 4:11, Bukhari – 6723, Muslim – 4157

(3) **Inheritance :** The Qur'an 4:11-12, 4:176, Bukhari – 6732 Abu-Dawood– 2922, Ibn-e-Majah – 2719, Mishkat – 3078, Tirmizi – 2091

(4) **Husband:** The Qur'an 4:12, Bukhari – 2747, 6723, 6739

(5) **Wife:** The Qur'an 4:12, Bukhari – 2747, 6723, 6739, Ibn-e-Majah– 2720, Mishkat– 3058, Abu-Dawood – 2891

(6) **Father:** The Qur'an 4:11, Bukhari – 6723, 6739, 2747

(7) **Grandfather:** Bukhari – 6738, Mishkat – 3060, Abu-Dawood– 2896, Tirmizi– 2099, Ibn-e-Majah– 2722, 2723

(8) **Daughter:** The Qur'an 4:11, Bukhari – 6723, 6734, 6736, 6742, Tirmizi – 2092, 2093, Abu-Dawood – 2890, 2891, 2893, Mishkat – 3058, 3059, Ibn-e-Majah – 2720, 2721

(9) **Mother:** The Qur'an 4 :11, Bukhari – 6723, 6739, Tirmizi – 2092, Ibn-e-Majah – 2740

(10) **Granddaughter:** Bukhari – 6736, 6742, Tirmizi – 2093, Mishkat – 3059, Abu-Dawood – 2890, Ibn-e-Majah – 2721

(11) **Paternal Grandmother (Dadi) and Maternal Grand Mother (Nani) :** Mishkat – 3049, 3061, Tirmizi – 2100, 2101, 2012, Abu-Dawood – 2894, 2895, Ibn-e-Majah – 2724, 2725

(12) **Asaba-Bi-Ghairihi (Son and Daughter):** The Qur'an 4:11, Muslim – 4146, Tirmizi – 2096, Bukhari – 6723

(13) **Asaba-Bi-Ghairihi (Grandson and Granddaughter):** Bukhari – 6735

(14) **Asaba-Bi-Ghairihi (Real Sister and Real Brother)** The Qur'an 4 : 176, Muslim – 4150, Tirmizi – 2097, Abu-Dawood – 2886, 2887, 2889, Ibn-e-Majah – 2726

(15) **Asaba-Ma'a-Ghairihi :** Bukhari – 6734, 6736, 6742, Ibn-e-Majah – 2721, Dawood – 2890, 2893, Tirmizi – 2093, Mishkat – 3059

(16) **Asaba-Bi-Nafsihi:** Bukhari – 6732, 6737, 6744 (Real Brother) Muslim – 4141, 4142, 4143, Tirmizi – 2092 (Uncle) 2094 (Real Brother and Paternal Brother) 2095 (Real Brother and Paternal Brother) 2098, Mishkat – 3057 (Real Brother and Paternal Brother), 3058 (Uncle) Mishkat – 3068 (Nephew), Abu-Dawood – 2891, (Uncle) 2898, Ibn-e-Majah – 2720 (Uncle) 2740, Ibn-e-Majah – 2739 (Real Brother and Paternal Brother)

(17) **Zawil Arhaam:** Mishkat – 3052, Tirmizi – 2103, 2104, Ibn-e-Majah – 2737

(18) **Maternal Brother and Sister:** The Qur'an 4:12, Bukhari – 6723

APPENDIX - 2
Reference Books

1. The Holy Qur'an
2. Bukhari
3. Muslim
4. Tirmizi
5. Abu Dawood
6. Ibn-e-Majah
7. Mishkat
8. Tarjuma Qur'an-Kanzul Iman (Urdu)
   (Alahazrat Imam Ahmed Raza Khan Barelvi)
9. Tafheem Ul Qur'an (Urdu)
   (Sayyid Abul Ala Maududi)
10. Tafseer Ibne Kaseer (Urdu)
11. Aap ke Masael Aur Unka Hal (Urdu)
    (Maulana Muhammad Yusuf Ludiyanvi Shaheed)
12. Siraji ka Aasaan Hal (Urdu)
    (Mufti Ata-ur-Rahman Khan Qasmi)
13. Islami Qanoon-e-Wirasat (Urdu)
    (Maulana Abu Numan Bashri)
14. Sharh Siraji (Urdu)
    (Maulana Ishtiyaq Sb.)
15. Tehqeeqat Masael-Meeras (Urdu)
    (Dr. Salih Fauzan bin Abdullah Fauzan/Maulana Samiullah Faizi)
16. Assan Meeras (Urdu)
    (Maulana Muhammad Usman, Karachi)
17. The Final Bequest (English)
    (Muhammad Al-Jibali)
18. Mayyit ke Tarkey ka Taayyun Aur Taqseem (Urdu)
    (Dr. Ghafil Ansari)

19. Meeras ka Batwara Aur uske Haqdar (Hindi)
(Mirza Subhan Baigh)

20. Taqseem-E-Meeras (Urdu)
(Sayyid Shaukat Ali)

21. Ahkam-E-Mayyit (English)
(Dr. Abdul Hai A'rif, Karachi)

22. Islamic Laws of Inheritance (Master Book)
English-Urdu (Anwar Alam)

23. Islami Qanoon-E-Wirasat (Master Book)
Hindi (Anwar Alam)

24. Mayyit ke Ahkam wa Masael (Urdu)
(Muhammad Izhar Qasmi)

25. Wirasat ka Islami Tasawwur Aur Hum Musalman (Urdu)
(Izharuddin Falahi)

26. Fatawa Islamiyah (Vol-5) (English)
Shaykh Abdul - Aziz bin Abdullah bin Baz
Shaykh Abdullah bin Abdur Rehman Al-Jibreen
Shaykh Muhammad bin Salih Al-Uthaimi

27. Meeras wa Wasiyat (Urdu)
(Islamic Fiqh Academy)

28. Distribution of my Inheritance (English)
(Case Study)
Anwar Alam

29. Islamic Laws of Inheritance
(K. Abu Yasir Ameenur Rahman Umri Madani)

30. Fee Ilm-ul-Mawaris (Arabic)
(Dr. Mustafa Muslim)

APPENDIX - 3

Mathematical Calculations : Links and QR codes

Islamic Laws of Inheritance (26 Videos)

https://www.youtube.com/playlist?list=PLZFD8gxxgVDsfLYJu66J2Jt3ZLVkXmO3V

Distribution of Inheritance (147 Videos)

https://www.youtube.com/playlist?list=PLZFD8gxxgVDu5XaemvTYqttwMBTErntKI

Distribution of Inheritance (101 Videos)

https://www.youtube.com/channel/UCYCb5hB5mtdQUz_jucANnxg/playlists

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APPENDIX - 4

Inheritance Calculator : Links and QR codes

http://inheritance.ilmsummit.org/projects/inheritance/home.aspx

https://play.google.com/store/apps/details?id=com.moussaoui91.alfaraid

APPENDIX - 5

Scholars' Lectures : Links and QR codes

Dr. Saeed Ahmed Shad

https://www.youtube.com/watch?v=QWrfxcTBNfo

Shaikh Jalaluddin Qasmi

https://www.youtube.com/watch?v=VcoaClMo_3M

https://www.youtube.com/watch?v=JEa1fYczU9k

https://www.youtube.com/watch?v=O-iFI0-D_3w

Dr. Israr Ahmed

https://www.youtube.com/watch?v=tA-DD_Uczwy

https://www.youtube.com/watch?v=5nO-8sjkyws

https://www.youtube.com/watch?v=kRDK47zQOgc

Mufti Tariq Masood

https://www.youtube.com/watch?v=UDZYGEBuiK4andlist=RDLVD6M4dmrP8oEandstart_radio=1

https://www.youtube.com/watch?v=D6M4dmrP8oE

https://www.youtube.com/watch?v=s1058VcROZI

https://www.youtube.com/watch?v=ua3H6Ex3NKI

Mufti Muhammad Zubair

https://www.youtube.com/watch?v=E4FuJOUxCoo

https://www.youtube.com/watch?v=jRrTt-ue_pI

Adv. Faiz Syed

https://www.youtube.com/watch?v=0b1beXipE4E

Mufti Akmal

https://www.youtube.com/watch?v=mOzSkVROqI0

Zaid Patel

https://www.youtube.com/watch?v=IIb4Ep5WdVc

https://www.youtube.com/watch?v=Za6dx5Qi2Hc

Maulana Khalid Saifullah Rahmani

https://www.youtube.com/watch?v=YgVbWGTdC9E

Sir Umar

https://www.youtube.com/watch?v=FjXyqTDGcog

Mufti Taqi Usmani

https://www.youtube.com/watch?v=-JMPuG9Xo2Y

Maulana Muhamad Ilyas Ghumman

https://www.youtube.com/watch?v=CX_KjiTVeUs

Mufti Nasir Javaid Sialvy

https://www.youtube.com/channel/UCMk1Tg9duofkWRklMo5ggkg/playlists

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Dr Khalid Zaheer

https://www.youtube.com/watch?v=w8gan7odAxI

Dr. Raziul Islam Nadvi

https://youtu.be/U3p5NUk79aE

https://youtu.be/10pnl2gjzH0

https://youtu.be/wxln9oxCqZg

https://youtu.be/866Jq_ZQ24s

https://youtu.be/LkuD8W4W_iU

Mufti Abdul Batin Sahab Nomani

https://www.youtube.com/watch?v=SqIlZ5fmMn0

Mufti Syed Sabir Hussain

https://www.youtube.com/watch?v=VeN_lfVi_1k

Mufti Hussain Kamani

https://youtu.be/U3p5NUk79aE

Sheikh K Abu Yasir Ameenur Rahman Umri Madani

https://www.youtube.com/playlist?list=PLOSkQCYeh2
7ZsUN_qalQSVHMIgZsn23i7

Sheikh Kifayatullah Sanabili

https://www.youtube.com/watch?v=ivyvDOVshvoan
dlist=PLGMJmUeAWFWR7agAmsTmARRHfYOFUsTPJ

https://www.youtube.com/watch?v=xxrgwgtLoT0and
list=PLGMJmUeAWFWRcIz3K1r2kOTkFsqoPKlT3

https://www.youtube.com/watch?v=LsiUF-
9EN3candlist=PLGMJmUeAWFWRhGNOZGsZV82uUhLhR3JFP

Dr. Shabir Ally
https://www.youtube.com/watch?v=U46w812HZS4

Mufti Ismail ibn Musa Menk
https://www.youtube.com/watch?v=VZNUp67tKdA

https://www.youtube.com/watch?v=v7xlfANdli0

https://www.youtube.com/watch?v=HNxMgdiUY7M

https://www.youtube.com/watch?v=OHGVuYnHp0I

https://www.youtube.com/watch?v=olYuSCsSC_4

Sheikh Maqsood Ul Hasan Faizi
https://www.youtube.com/watch?v=kABL7ugaEq4

https://www.youtube.com/watch?v=ODn2Mzop7mY

Maulana Waliullah Sayeedi Falahi
https://www.youtube.com/watch?v=J8dU1BGm-eQ

APPENDIX - 6

Online Reference Books and Research Papers (Links and QR codes)

Busari, Jamiu Muhammad
https://www.researchgate.net/publication/339658877_The_Islamic_Law_of_Inheritance_Introduction_and_Theories

Fahim Ahmed Siddiqui -District and Sessions Judge
https://www.sja.gos.pk/assets/presentations/Laws-of-Inheritance-in-Islam.pdf

Prof. Muhammad Zubair, Prof. Sadia Khattak
https://www.textroad.com/pdf/JBASR/J.%20Basic.%20Appl.%20Sci.%20Res.,%204(8)84-89,%202014.pdf

https://en.wikipedia.org/wiki/Islamic_inheritance_jurisprudence

Inheritance in Islam
http://www.learndeen.org/cms/english-blog/fiqh/inheritance-in-islam-1

Islamic Law of Succession
(Assoc. Prof. Dr. Akmal Hidayah Halim-Malaysia)
https://islamicbankers.files.wordpress.com/2015/11/islamic-law-of-succession.pdf

Principles and Practice of Succession under Islamic Law (Ilorin - Western Nigeria)
https://nji.gov.ng/images/Workshop_Papers/2017/Refresher_Judges_and_Kadis/s1.pdf

Qanoon e Wirasat –Maulana Shaukat Ali (Urdu)
https://archive.org/details/QanooniWirasat/page/n9/mode/2up

Islam ka Qanoon e Wirasat – Salahuddin Haider Lakhvi(Urdu)
https://www.emaanlibrary.com/wp-content/uploads/2018/02/Islam-Ka-Qanoone-Warasat.pdf?x73986

Special Cases On Islamic Inheritance (Under the Muslim Code of the Philippines)
http://eprints.ums.ac.id/31351/9/8_CHAPTER_V.pdf

Inheritance under Muslim Law Part II (Prof. Rakesh Kr. Singh)
https://www.lkouniv.ac.in/site/writereaddata/siteContent/20200424121624052 6rksingh_law_Muslim__of_Inheritance_2.pdf

Islami Qanoon-e-Wirasat by Maulana Abu Noman Bashir Ahmed
https://faakhirislamic.wordpress.com/2015/05/16/islami-qanoon-e-wirasat-sawalan-jawaban-by-maulana-abu-noman-bashir-ahmed/

Inheritance under Muslim law
https://districts.ecourts.gov.in/sites/default/files/jcj%20palakondawrkshp1.pdf

Islamic Laws of Inheritance and Succession (Tanzania)
https://www.academia.edu/39365773/ISLAMIC_LAW_OF_INHERITANCE_AND_SUCCESSION_Meaning_importance_and_scope_of_Al_Miraath

Taleem ul Meeras
https://archive.org/details/15561/page/n21/mode/2up?view=theater

Asan Meeras by Maulana Muhammad Usman
https://drive.google.com/file/d/0B9kHqDDK6NaXalc2d1N4RTVDa2s/view?resourcekey=0-AMuXfUh_TKMx8L8SNbObbQ

Tasheel ul Siraji by Mufti Abu Lubaba Shah Mansoor
https://archive.org/details/Maktaba-Mufti-Abu-Lubaba-Shah-Mansoor/Tasheel-ul-Siraji/page/n54/mode/1up?view=theater